Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019572.D
Acq On : 06 Feb 2024 14:11
Operator : MA/JU
Sample : P1187-03
Misc : MDL-MDL-SOIL-4PPM
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 07 01:39:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	69450	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	304287	20.000	ng		-0.01
39) Acenaphthene-d10	14.539	164	228311	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	554907	20.000	ng		0.00
76) Chrysene-d12	21.386	240	492595	20.000	ng		0.00
86) Perylene-d12	23.804	264	472059	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	566074	131.385	ng		0.00
7) Phenol-d6	7.075	99	783593	134.882	ng		-0.01
23) Nitrobenzene-d5	9.075	82	544113	77.483	ng		-0.01
42) 2,4,6-Tribromophenol	16.033	330	519486	155.838	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1389555	75.240	ng		-0.01
79) Terphenyl-d14	19.869	244	2714937	90.639	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	7461	4.495	ng		93
3) Pyridine	3.793	79	17243	3.831	ng	#	93
4) n-Nitrosodimethylamine	3.711	42	7433	3.794	ng	#	98
6) Aniline	7.240	93	27443	4.862	ng		96
8) 2-Chlorophenol	7.469	128	16760	3.789	ng		95
9) Benzaldehyde	7.057	77	20289	4.981	ng		95
10) Phenol	7.099	94	23980	4.142	ng		79
11) bis(2-Chloroethyl)ether	7.346	93	18566	4.121	ng		97
12) 1,3-Dichlorobenzene	7.793	146	20881	3.858	ng		99
13) 1,4-Dichlorobenzene	7.946	146	21625	3.944	ng		98
14) 1,2-Dichlorobenzene	8.257	146	20829	3.926	ng		96
15) Benzyl Alcohol	8.157	79	20324	4.378	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.446	45	19303	4.285	ng		98
17) 2-Methylphenol	8.352	107	15828	4.060	ng		98
18) Hexachloroethane	8.981	117	7807	3.673	ng		99
19) n-Nitroso-di-n-propyla...	8.722	70	17024	4.290	ng		96
20) 3+4-Methylphenols	8.681	107	21408	4.024	ng		93
22) Acetophenone	8.740	105	34240	3.950	ng	#	96
24) Nitrobenzene	9.116	77	28308	4.004	ng		99
25) Isophorone	9.640	82	47151	3.855	ng		98
26) 2-Nitrophenol	9.828	139	8738	3.241	ng		92
27) 2,4-Dimethylphenol	9.887	122	15223	4.416	ng		97
28) bis(2-Chloroethoxy)met...	10.134	93	27830	4.022	ng		95
29) 2,4-Dichlorophenol	10.357	162	18307	3.513	ng		91
30) 1,2,4-Trichlorobenzene	10.569	180	22700	3.553	ng		99
31) Naphthalene	10.757	128	62542	3.748	ng		97
32) Benzoic acid	9.946	122	8593	2.558	ng		92
33) 4-Chloroaniline	10.881	127	26511	4.296	ng		97
34) Hexachlorobutadiene	11.028	225	15703	3.317	ng		96
35) Caprolactam	11.645	113	5998	4.066	ng		88
36) 4-Chloro-3-methylphenol	11.993	107	21613	3.804	ng		91
37) 2-Methylnaphthalene	12.369	142	46089	3.991	ng		99
38) 1-Methylnaphthalene	12.581	142	45615	4.019	ng		95
40) 1,2,4,5-Tetrachloroben...	12.728	216	31568	3.585	ng		98
41) Hexachlorocyclopentadiene	12.698	237	14820	3.726	ng		94
43) 2,4,6-Trichlorophenol	12.975	196	17439	3.271	ng		94

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019572.D
Acq On : 06 Feb 2024 14:11
Operator : MA/JU
Sample : P1187-03
Misc : MDL-MDL-SOIL-4PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 07 01:39:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	19600	3.348	ng		93
46) 1,1'-Biphenyl	13.381	154	67777	3.719	ng		98
47) 2-Chloronaphthalene	13.416	162	52507	3.510	ng		99
48) 2-Nitroaniline	13.628	65	13652	3.264	ng		91
49) Acenaphthylene	14.263	152	82369	3.925	ng		97
50) Dimethylphthalate	14.010	163	70235	4.019	ng		99
51) 2,6-Dinitrotoluene	14.128	165	13464	3.506	ng		97
52) Acenaphthene	14.604	154	49272	3.783	ng		98
53) 3-Nitroaniline	14.457	138	13361	3.786	ng		99
54) 2,4-Dinitrophenol	14.663	184	5677	2.847	ng	#	85
55) Dibenzofuran	14.939	168	85213	4.017	ng		99
56) 4-Nitrophenol	14.751	139	9589	3.315	ng		86
57) 2,4-Dinitrotoluene	14.910	165	17382	3.454	ng		94
58) Fluorene	15.592	166	68978	4.082	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.163	232	19033	3.865	ng		97
60) Diethylphthalate	15.375	149	71105	4.090	ng		99
61) 4-Chlorophenyl-phenyle...	15.592	204	38083	4.010	ng		99
62) 4-Nitroaniline	15.616	138	12330	3.333	ng		88
63) Azobenzene	15.886	77	64501	3.837	ng		99
65) 4,6-Dinitro-2-methylph...	15.669	198	8671	2.740	ng		90
66) n-Nitrosodiphenylamine	15.804	169	58345	3.511	ng		98
67) 4-Bromophenyl-phenylether	16.492	248	23615	3.404	ng		97
68) Hexachlorobenzene	16.586	284	28962	3.575	ng		98
69) Atrazine	16.763	200	24137	4.377	ng		98
70) Pentachlorophenol	16.939	266	13967	2.769	ng		98
71) Phenanthrene	17.339	178	114126	3.908	ng		98
72) Anthracene	17.428	178	111855	3.840	ng		98
73) Carbazole	17.704	167	97017	3.666	ng		99
74) Di-n-butylphthalate	18.269	149	112288	3.509	ng		99
75) Fluoranthene	19.304	202	133041	3.729	ng		100
77) Benzidine	19.498	184	50039	4.859	ng		99
78) Pyrene	19.657	202	139681	4.018	ng		99
80) Butylbenzylphthalate	20.551	149	42350	3.262	ng		99
81) Benzo(a)anthracene	21.368	228	133456	3.849	ng		98
82) 3,3'-Dichlorobenzidine	21.310	252	41204	3.261	ng		99
83) Chrysene	21.421	228	119056	3.616	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	64539	3.265	ng	#	99
85) Di-n-octyl phthalate	22.263	149	84507	2.430	ng		99
87) Indeno(1,2,3-cd)pyrene	26.321	276	117827	3.261	ng		98
88) Benzo(b)fluoranthene	23.063	252	112089m	3.767	ng		
89) Benzo(k)fluoranthene	23.115	252	103571	3.644	ng		99
90) Benzo(a)pyrene	23.692	252	92872	3.508	ng		96
91) Dibenzo(a,h)anthracene	26.351	278	99027	3.332	ng	#	95
92) Benzo(g,h,i)perylene	27.086	276	96814	3.211	ng	#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019572.D
Acq On : 06 Feb 2024 14:11
Operator : MA/JU
Sample : P1187-03
Misc : MDL-MDL-SOIL-4PPM
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Feb 07 01:39:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT1-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024
Supervised By :mohammad ahmed 02/08/2024