Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
Data File : BP021969.D
Acq On : 20 Sep 2024 16:09
Operator : RC/JU
Sample : P2403-01
Misc : LOD-MDL-SOIL 8 ppm
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 20 17:01:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	85184	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	331316	20.000	ng		0.00
39) Acenaphthene-d10	14.322	164	246291	20.000	ng		0.00
64) Phenanthrene-d10	17.115	188	606469	20.000	ng		-0.02
76) Chrysene-d12	21.556	240	740542	20.000	ng		0.00
86) Perylene-d12	24.850	264	868149	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	600752	132.534	ng		0.00
7) Phenol-d6	6.893	99	784636	133.341	ng		0.00
23) Nitrobenzene-d5	8.851	82	617160	98.564	ng		0.00
42) 2,4,6-Tribromophenol	15.839	330	645535	141.380	ng		-0.02
45) 2-Fluorobiphenyl	12.933	172	1577244	93.483	ng		0.00
79) Terphenyl-d14	19.851	244	3294805	83.577	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	16688	8.866	ng		96
3) Pyridine	3.663	79	39299	7.829	ng		96
4) n-Nitrosodimethylamine	3.563	42	23806	8.990	ng	#	97
6) Aniline	7.045	93	54242	10.490	ng		99
8) 2-Chlorophenol	7.281	128	43992	9.076	ng		94
9) Benzaldehyde	6.863	77	41998	13.650	ng		96
10) Phenol	6.916	94	52571	8.995	ng		97
11) bis(2-Chloroethyl)ether	7.140	93	40013	9.089	ng		98
12) 1,3-Dichlorobenzene	7.604	146	53907	8.809	ng		96
13) 1,4-Dichlorobenzene	7.745	146	55016	8.865	ng		99
14) 1,2-Dichlorobenzene	8.057	146	52630	8.836	ng		99
15) Benzyl Alcohol	7.945	79	39947	8.852	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.222	45	44825	9.546	ng		98
17) 2-Methylphenol	8.145	107	33220	8.414	ng		98
18) Hexachloroethane	8.775	117	20398	8.939	ng		90
19) n-Nitroso-di-n-propyla...	8.504	70	33997	9.295	ng		95
20) 3+4-Methylphenols	8.469	107	46731	8.384	ng		99
22) Acetophenone	8.516	105	74695	9.242	ng	#	95
24) Nitrobenzene	8.892	77	57697	9.074	ng		98
25) Isophorone	9.416	82	90279	8.745	ng		99
26) 2-Nitrophenol	9.598	139	22569	8.118	ng		90
27) 2,4-Dimethylphenol	9.657	122	21398	6.647	ng		92
28) bis(2-Chloroethoxy)met...	9.886	93	54454	8.798	ng		96
29) 2,4-Dichlorophenol	10.128	162	44741	8.188	ng		96
30) 1,2,4-Trichlorobenzene	10.339	180	57790	8.491	ng		100
31) Naphthalene	10.522	128	144920	8.766	ng		99
32) Benzoic acid	9.739	122	23345m	6.203	ng		
33) 4-Chloroaniline	10.633	127	54272	9.101	ng		98
34) Hexachlorobutadiene	10.810	225	41403	7.776	ng		93
35) Caprolactam	11.398	113	12568	7.728	ng		94
36) 4-Chloro-3-methylphenol	11.757	107	48392	8.255	ng		97
37) 2-Methylnaphthalene	12.128	142	103284	8.539	ng		97
38) 1-Methylnaphthalene	12.351	142	97037	8.126	ng		98
40) 1,2,4,5-Tetrachloroben...	12.504	216	73684	8.551	ng		99
41) Hexachlorocyclopentadiene	12.486	237	20080	6.272	ng		97
43) 2,4,6-Trichlorophenol	12.745	196	41217	7.793	ng		92

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
Data File : BP021969.D
Acq On : 20 Sep 2024 16:09
Operator : RC/JU
Sample : P2403-01
Misc : LOD-MDL-SOIL 8 ppm
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 20 17:01:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	46382	7.818	ng	98
46) 1,1'-Biphenyl	13.145	154	148613	8.850	ng	100
47) 2-Chloronaphthalene	13.192	162	117150	8.628	ng	98
48) 2-Nitroaniline	13.392	65	28343	7.644	ng	97
49) Acenaphthylene	14.045	152	176292	9.201	ng	98
50) Dimethylphthalate	13.774	163	155574	8.709	ng	99
51) 2,6-Dinitrotoluene	13.892	165	31060	7.803	ng	95
52) Acenaphthene	14.386	154	105158	8.433	ng	99
53) 3-Nitroaniline	14.227	138	27776	7.830	ng	93
54) 2,4-Dinitrophenol	14.433	184	14891	6.385	ng	96
55) Dibenzofuran	14.722	168	186710	8.908	ng	97
56) 4-Nitrophenol	14.539	139	21607	6.998	ng	100
57) 2,4-Dinitrotoluene	14.686	165	43236	7.684	ng	96
58) Fluorene	15.380	166	147932	8.451	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.957	232	46346	8.094	ng	98
60) Diethylphthalate	15.157	149	155631	8.574	ng	98
61) 4-Chlorophenyl-phenyle...	15.374	204	85784	8.418	ng	99
62) 4-Nitroaniline	15.398	138	29831	7.647	ng	96
63) Azobenzene	15.674	77	131800	8.774	ng	98
65) 4,6-Dinitro-2-methylph...	15.463	198	24881	7.078	ng	95
66) n-Nitrosodiphenylamine	15.598	169	131486	8.707	ng	99
67) 4-Bromophenyl-phenylether	16.292	248	58396	8.260	ng	97
68) Hexachlorobenzene	16.404	284	72959	8.277	ng	99
69) Atrazine	16.574	200	55252	10.212	ng	99
70) Pentachlorophenol	16.757	266	41362	6.975	ng	98
71) Phenanthrene	17.157	178	254381	8.738	ng	99
72) Anthracene	17.257	178	232294	8.243	ng	99
73) Carbazole	17.533	167	232605	8.546	ng	100
74) Di-n-butylphthalate	18.127	149	253105	7.917	ng	99
75) Fluoranthene	19.251	202	335293	8.251	ng	99
77) Benzidine	19.451	184	118091	13.049	ng	99
78) Pyrene	19.627	202	356250	7.952	ng	100
80) Butylbenzylphthalate	20.580	149	119681	7.490	ng	95
81) Benzo(a)anthracene	21.533	228	412920	8.678	ng	98
82) 3,3'-Dichlorobenzidine	21.462	252	142816	8.272	ng	97
83) Chrysene	21.609	228	395436	8.826	ng	99
84) Bis(2-ethylhexyl)phtha...	21.474	149	181076	7.722	ng	98
85) Di-n-octyl phthalate	22.739	149	293710	7.374	ng	100
87) Indeno(1,2,3-cd)pyrene	28.591	276	523745	9.071	ng	100
88) Benzo(b)fluoranthene	23.803	252	427298m	8.322	ng	
89) Benzo(k)fluoranthene	23.880	252	437228	8.999	ng	98
90) Benzo(a)pyrene	24.686	252	391206	8.845	ng	98
91) Dibenzo(a,h)anthracene	28.668	278	433479	9.096	ng	99
92) Benzo(g,h,i)perylene	29.744	276	415352	8.509	ng	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
Data File : BP021969.D
Acq On : 20 Sep 2024 16:09
Operator : RC/JU
Sample : P2403-01
Misc : LOD-MDL-SOIL 8 ppm
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 20 17:01:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024