Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019567.D
Acq On : 06 Feb 2024 11:22
Operator : MA/JU
Sample : 04699-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2023

Quant Time: Feb 07 01:34:25 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)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.905	152	85806	20.000	ng		-0.01
21) Naphthalene-d8	10.710	136	358065	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	259830	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	616406	20.000	ng		0.00
76) Chrysene-d12	21.392	240	537216	20.000	ng		0.00
86) Perylene-d12	23.810	264	488369	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	499726	93.877	ng		-0.01
7) Phenol-d6	7.075	99	693665	96.643	ng		-0.01
23) Nitrobenzene-d5	9.075	82	553273	66.955	ng		-0.01
42) 2,4,6-Tribromophenol	16.039	330	407798	107.493	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1352773	64.363	ng		0.00
79) Terphenyl-d14	19.869	244	2518359	77.093	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	16141	7.870	ng		95
3) Pyridine	3.787	79	37014	6.657	ng		96
4) n-Nitrosodimethylamine	3.705	42	18462	7.626	ng		98
6) Aniline	7.240	93	61038	8.752	ng		99
8) 2-Chlorophenol	7.469	128	38297	7.007	ng		99
9) Benzaldehyde	7.058	77	40964	8.140	ng		96
10) Phenol	7.099	94	50776	7.098	ng		94
11) bis(2-Chloroethyl)ether	7.346	93	39859	7.162	ng		99
12) 1,3-Dichlorobenzene	7.793	146	45933	6.869	ng		99
13) 1,4-Dichlorobenzene	7.940	146	47166	6.962	ng		96
14) 1,2-Dichlorobenzene	8.257	146	44357	6.767	ng		98
15) Benzyl Alcohol	8.152	79	42653	7.437	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.440	45	42019	7.550	ng		99
17) 2-Methylphenol	8.352	107	35066	7.281	ng		98
18) Hexachloroethane	8.975	117	17552	6.684	ng		91
19) n-Nitroso-di-n-propyla...	8.722	70	38840	7.922	ng		98
20) 3+4-Methylphenols	8.681	107	48158	7.327	ng		95
22) Acetophenone	8.740	105	72385	7.096	ng	#	95
24) Nitrobenzene	9.116	77	57964	6.967	ng		97
25) Isophorone	9.640	82	103861	7.217	ng		99
26) 2-Nitrophenol	9.828	139	19607	6.181	ng		93
27) 2,4-Dimethylphenol	9.887	122	32633	8.045	ng		97
28) bis(2-Chloroethoxy)met...	10.134	93	57785	7.097	ng		99
29) 2,4-Dichlorophenol	10.351	162	41725	6.804	ng		94
30) 1,2,4-Trichlorobenzene	10.569	180	49619	6.600	ng		98
31) Naphthalene	10.757	128	133165	6.781	ng		99
32) Benzoic acid	9.963	122	20822	5.268	ng	#	79
33) 4-Chloroaniline	10.875	127	55773	7.680	ng		97
34) Hexachlorobutadiene	11.034	225	36212	6.499	ng		97
35) Caprolactam	11.651	113	13083	7.537	ng		92
36) 4-Chloro-3-methylphenol	11.993	107	47874	7.160	ng		98
37) 2-Methylnaphthalene	12.369	142	95592	7.034	ng		100
38) 1-Methylnaphthalene	12.587	142	96918	7.257	ng		95
40) 1,2,4,5-Tetrachloroben...	12.728	216	65063	6.493	ng		98
41) Hexachlorocyclopentadiene	12.704	237	33332	7.363	ng		99
43) 2,4,6-Trichlorophenol	12.975	196	37084	6.112	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019567.D
Acq On : 06 Feb 2024 11:22
Operator : MA/JU
Sample : 04699-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2023

Quant Time: Feb 07 01:34:25 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	41995	6.303	ng		98
46) 1,1'-Biphenyl	13.381	154	142141	6.854	ng		98
47) 2-Chloronaphthalene	13.422	162	107461	6.313	ng		99
48) 2-Nitroaniline	13.628	65	31233	6.561	ng		96
49) Acenaphthylene	14.263	152	175841	7.363	ng		99
50) Dimethylphthalate	14.010	163	142029	7.140	ng		98
51) 2,6-Dinitrotoluene	14.134	165	29035	6.644	ng		96
52) Acenaphthene	14.604	154	100697	6.793	ng		98
53) 3-Nitroaniline	14.457	138	28083	6.993	ng	#	97
54) 2,4-Dinitrophenol	14.663	184	13032	5.743	ng		91
55) Dibenzofuran	14.945	168	173786	7.198	ng		98
56) 4-Nitrophenol	14.757	139	21072	6.401	ng		98
57) 2,4-Dinitrotoluene	14.916	165	39007	6.811	ng		99
58) Fluorene	15.592	166	138479	7.202	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	40307	7.192	ng		98
60) Diethylphthalate	15.381	149	142370	7.196	ng		99
61) 4-Chlorophenyl-phenyle...	15.592	204	76053	7.037	ng		99
62) 4-Nitroaniline	15.622	138	28615	6.797	ng		98
63) Azobenzene	15.886	77	139153	7.273	ng		98
65) 4,6-Dinitro-2-methylph...	15.675	198	19255	5.478	ng		88
66) n-Nitrosodiphenylamine	15.810	169	122048	6.611	ng		99
67) 4-Bromophenyl-phenylether	16.492	248	49776	6.460	ng		98
68) Hexachlorobenzene	16.586	284	58546	6.506	ng		97
69) Atrazine	16.775	200	50018	8.165	ng		98
70) Pentachlorophenol	16.939	266	29476	5.260	ng		98
71) Phenanthrene	17.339	178	226320	6.977	ng		99
72) Anthracene	17.433	178	224968	6.952	ng		99
73) Carbazole	17.710	167	197531	6.719	ng		99
74) Di-n-butylphthalate	18.275	149	232233	6.533	ng		98
75) Fluoranthene	19.310	202	270671	6.830	ng		98
77) Benzidine	19.498	184	96548	8.596	ng		99
78) Pyrene	19.663	202	282997	7.464	ng		99
80) Butylbenzylphthalate	20.557	149	89509	6.322	ng		96
81) Benzo(a)anthracene	21.374	228	264604	6.997	ng		99
82) 3,3'-Dichlorobenzidine	21.316	252	84956	6.165	ng		93
83) Chrysene	21.427	228	237711	6.621	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	123645	5.735	ng		100
85) Di-n-octyl phthalate	22.268	149	170618	4.498	ng		99
87) Indeno(1,2,3-cd)pyrene	26.327	276	223901	5.989	ng		98
88) Benzo(b)fluoranthene	23.068	252	205728	6.684	ng		98
89) Benzo(k)fluoranthene	23.121	252	205300	6.983	ng		98
90) Benzo(a)pyrene	23.698	252	173862	6.348	ng		99
91) Dibenzo(a,h)anthracene	26.362	278	186012	6.050	ng		99
92) Benzo(g,h,i)perylene	27.104	276	183238	5.875	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019567.D
Acq On : 06 Feb 2024 11:22
Operator : MA/JU
Sample : 04699-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT4-2023

Quant Time: Feb 07 01:34:25 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