Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019571.D
Acq On : 06 Feb 2024 13:37
Operator : MA/JU
Sample : P1187-03
Misc : MDL-MDL-SOIL-8PPM
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 07 01:38:40 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	7.911	152	87943	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	343620	20.000	ng		0.00
39) Acenaphthene-d10	14.540	164	206554	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	385769	20.000	ng		0.00
76) Chrysene-d12	21.386	240	351729	20.000	ng		0.00
86) Perylene-d12	23.804	264	472501	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	523220	95.902	ng		0.00
7) Phenol-d6	7.075	99	699753	95.122	ng		-0.01
23) Nitrobenzene-d5	9.081	82	542130	68.364	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	267982	88.858	ng		0.00
45) 2-Fluorobiphenyl	13.175	172	1172237	70.159	ng		0.00
79) Terphenyl-d14	19.863	244	1309326	61.219	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	17147	8.157	ng		96
3) Pyridine	3.787	79	36327	6.374	ng		91
4) n-Nitrosodimethylamine	3.711	42	17069	6.880	ng		89
6) Aniline	7.240	93	59442	8.316	ng		96
8) 2-Chlorophenol	7.469	128	38804	6.928	ng		95
9) Benzaldehyde	7.058	77	41991	8.142	ng		99
10) Phenol	7.105	94	51132	6.974	ng		94
11) bis(2-Chloroethyl)ether	7.346	93	40982	7.184	ng		96
12) 1,3-Dichlorobenzene	7.793	146	47667	6.955	ng		98
13) 1,4-Dichlorobenzene	7.946	146	48575	6.995	ng		100
14) 1,2-Dichlorobenzene	8.258	146	46828	6.970	ng		98
15) Benzyl Alcohol	8.158	79	40513	6.893	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.440	45	42283	7.413	ng		99
17) 2-Methylphenol	8.352	107	34188	6.926	ng		98
18) Hexachloroethane	8.981	117	19181	7.126	ng		92
19) n-Nitroso-di-n-propyla...	8.722	70	35368	7.039	ng		98
20) 3+4-Methylphenols	8.681	107	44011	6.533	ng		97
22) Acetophenone	8.740	105	68792	7.027	ng	#	98
24) Nitrobenzene	9.116	77	55664	6.972	ng		98
25) Isophorone	9.640	82	90790	6.574	ng		96
26) 2-Nitrophenol	9.822	139	18650	6.126	ng		92
27) 2,4-Dimethylphenol	9.887	122	30477	7.829	ng		96
28) bis(2-Chloroethoxy)met...	10.134	93	53500	6.847	ng		99
29) 2,4-Dichlorophenol	10.352	162	37995	6.457	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	48771	6.759	ng		94
31) Naphthalene	10.757	128	126463	6.710	ng		99
32) Benzoic acid	9.957	122	15263	4.024	ng		85
33) 4-Chloroaniline	10.881	127	50359	7.226	ng		94
34) Hexachlorobutadiene	11.034	225	35832	6.702	ng		99
35) Caprolactam	11.646	113	8646	5.190	ng	#	86
36) 4-Chloro-3-methylphenol	11.993	107	39895	6.218	ng		96
37) 2-Methylnaphthalene	12.369	142	88239	6.766	ng		99
38) 1-Methylnaphthalene	12.587	142	85841	6.698	ng		96
40) 1,2,4,5-Tetrachloroben...	12.728	216	58103	7.294	ng		99
41) Hexachlorocyclopentadiene	12.704	237	30310	8.423	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	31475	6.525	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	32814	6.195	ng	98
46) 1,1'-Biphenyl	13.381	154	120640	7.318	ng	99
47) 2-Chloronaphthalene	13.416	162	95282	7.041	ng	98
48) 2-Nitroaniline	13.628	65	22795	6.024	ng	94
49) Acenaphthylene	14.263	152	140803	7.416	ng	99
50) Dimethylphthalate	14.010	163	103759	6.562	ng	98
51) 2,6-Dinitrotoluene	14.128	165	20792	5.985	ng	98
52) Acenaphthene	14.604	154	82301	6.984	ng	97
53) 3-Nitroaniline	14.457	138	19775	6.194	ng	99
54) 2,4-Dinitrophenol	14.663	184	8303	4.603	ng	96
55) Dibenzofuran	14.940	168	136408	7.107	ng	99
56) 4-Nitrophenol	14.757	139	13072	4.995	ng	91
57) 2,4-Dinitrotoluene	14.910	165	24718	5.429	ng	98
58) Fluorene	15.592	166	102219	6.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	27802	6.240	ng	100
60) Diethylphthalate	15.375	149	95026	6.042	ng	98
61) 4-Chlorophenyl-phenyle...	15.592	204	58247	6.779	ng	98
62) 4-Nitroaniline	15.616	138	17837	5.330	ng	96
63) Azobenzene	15.887	77	93901	6.174	ng	98
65) 4,6-Dinitro-2-methylph...	15.669	198	11343	5.157	ng	96
66) n-Nitrosodiphenylamine	15.810	169	83068	7.190	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	32537	6.747	ng	97
68) Hexachlorobenzene	16.587	284	39075	6.938	ng	98
69) Atrazine	16.769	200	26854	7.005	ng	98
70) Pentachlorophenol	16.934	266	17879	5.098	ng	96
71) Phenanthrene	17.339	178	143785	7.082	ng	98
72) Anthracene	17.428	178	137640	6.796	ng	100
73) Carbazole	17.704	167	112543	6.117	ng	100
74) Di-n-butylphthalate	18.269	149	114768	5.159	ng	99
75) Fluoranthene	19.304	202	145751	5.877	ng	99
77) Benzidine	19.498	184	67173	9.135	ng	97
78) Pyrene	19.657	202	152471	6.142	ng	100
80) Butylbenzylphthalate	20.551	149	44063	4.753	ng	99
81) Benzo(a)anthracene	21.369	228	170356	6.881	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	60828	6.742	ng	100
83) Chrysene	21.422	228	155117	6.599	ng	98
84) Bis(2-ethylhexyl)phtha...	21.322	149	71457	5.062	ng	100
85) Di-n-octyl phthalate	22.263	149	126556	5.096	ng	99
87) Indeno(1,2,3-cd)pyrene	26.321	276	243729	6.739	ng	100
88) Benzo(b)fluoranthene	23.063	252	186587	6.266	ng	99
89) Benzo(k)fluoranthene	23.116	252	181908	6.395	ng	99
90) Benzo(a)pyrene	23.692	252	168737	6.368	ng	99
91) Dibenzo(a,h)anthracene	26.351	278	202075	6.793	ng	98
92) Benzo(g,h,i)perylene	27.092	276	197169	6.533	ng	97

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

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