Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019568.D
Acq On : 06 Feb 2024 11:56
Operator : MA/JU
Sample : 04699-03
Misc : MDL-MDL-SOIL-4PPM
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 07 01:35:32 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	69032	20.000	ng		0.00
21) Naphthalene-d8	10.705	136	298767	20.000	ng		-0.01
39) Acenaphthene-d10	14.540	164	226219	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	550686	20.000	ng		0.00
76) Chrysene-d12	21.386	240	498063	20.000	ng		0.00
86) Perylene-d12	23.804	264	487921	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	555201	129.641	ng		0.00
7) Phenol-d6	7.075	99	763938	132.295	ng		-0.01
23) Nitrobenzene-d5	9.075	82	537441	77.947	ng		-0.01
42) 2,4,6-Tribromophenol	16.034	330	514107	155.650	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1362097	74.435	ng		-0.01
79) Terphenyl-d14	19.863	244	2731556	90.193	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	7372	4.468	ng		96
3) Pyridine	3.793	79	17124	3.828	ng		96
4) n-Nitrosodimethylamine	3.717	42	7311	3.754	ng	#	91
6) Aniline	7.240	93	26880	4.791	ng		97
8) 2-Chlorophenol	7.469	128	16466	3.745	ng		91
9) Benzaldehyde	7.058	77	19500	4.817	ng		96
10) Phenol	7.099	94	22747	3.952	ng		81
11) bis(2-Chloroethyl)ether	7.346	93	18403	4.110	ng		98
12) 1,3-Dichlorobenzene	7.793	146	20469	3.805	ng		96
13) 1,4-Dichlorobenzene	7.940	146	21060	3.864	ng		98
14) 1,2-Dichlorobenzene	8.258	146	19906	3.774	ng		95
15) Benzyl Alcohol	8.158	79	19240	4.170	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.440	45	18699	4.176	ng		96
17) 2-Methylphenol	8.352	107	15196	3.922	ng		96
18) Hexachloroethane	8.981	117	7870	3.725	ng		99
19) n-Nitroso-di-n-propyla...	8.722	70	17110	4.338	ng		98
20) 3+4-Methylphenols	8.681	107	20954	3.963	ng		94
22) Acetophenone	8.740	105	34150	4.012	ng	#	97
24) Nitrobenzene	9.116	77	28036	4.039	ng		96
25) Isophorone	9.640	82	47439	3.951	ng		99
26) 2-Nitrophenol	9.822	139	8494	3.209	ng		97
27) 2,4-Dimethylphenol	9.881	122	14561	4.302	ng		92
28) bis(2-Chloroethoxy)met...	10.134	93	27554	4.056	ng		98
29) 2,4-Dichlorophenol	10.352	162	17922	3.503	ng		95
30) 1,2,4-Trichlorobenzene	10.569	180	22761	3.628	ng		95
31) Naphthalene	10.757	128	60705	3.705	ng		99
32) Benzoic acid	9.940	122	8260	2.505	ng	#	79
33) 4-Chloroaniline	10.881	127	25347	4.183	ng		98
34) Hexachlorobutadiene	11.028	225	15741	3.386	ng		91
35) Caprolactam	11.646	113	6175	4.263	ng	#	79
36) 4-Chloro-3-methylphenol	11.993	107	21077	3.778	ng		93
37) 2-Methylnaphthalene	12.369	142	45325	3.997	ng		98
38) 1-Methylnaphthalene	12.581	142	43937	3.943	ng		97
40) 1,2,4,5-Tetrachloroben...	12.728	216	31610	3.623	ng		96
41) Hexachlorocyclopentadiene	12.699	237	15032	3.814	ng		95
43) 2,4,6-Trichlorophenol	12.969	196	16984	3.215	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	18770	3.236	ng		97
46) 1,1'-Biphenyl	13.381	154	65956	3.653	ng		97
47) 2-Chloronaphthalene	13.416	162	52794	3.562	ng		98
48) 2-Nitroaniline	13.628	65	13368	3.226	ng		95
49) Acenaphthylene	14.263	152	82166	3.951	ng		99
50) Dimethylphthalate	14.010	163	70797	4.088	ng		98
51) 2,6-Dinitrotoluene	14.128	165	13546	3.560	ng		95
52) Acenaphthene	14.604	154	48941	3.792	ng		99
53) 3-Nitroaniline	14.451	138	12728	3.640	ng	#	92
54) 2,4-Dinitrophenol	14.663	184	5487	2.778	ng	#	78
55) Dibenzofuran	14.940	168	85078	4.048	ng		99
56) 4-Nitrophenol	14.757	139	9231	3.221	ng		97
57) 2,4-Dinitrotoluene	14.910	165	17093	3.428	ng		97
58) Fluorene	15.593	166	68285	4.079	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	18695	3.831	ng		99
60) Diethylphthalate	15.375	149	69743	4.049	ng		99
61) 4-Chlorophenyl-phenyle...	15.593	204	37599	3.996	ng		99
62) 4-Nitroaniline	15.616	138	12913	3.523	ng		94
63) Azobenzene	15.887	77	65635	3.940	ng		98
65) 4,6-Dinitro-2-methylph...	15.669	198	8537	2.719	ng		97
66) n-Nitrosodiphenylamine	15.810	169	58548	3.550	ng		95
67) 4-Bromophenyl-phenylether	16.492	248	23329	3.389	ng		96
68) Hexachlorobenzene	16.587	284	28546	3.551	ng		99
69) Atrazine	16.769	200	24235	4.428	ng		97
70) Pentachlorophenol	16.934	266	13580	2.713	ng		99
71) Phenanthrene	17.339	178	114190	3.940	ng		96
72) Anthracene	17.428	178	111601	3.860	ng		99
73) Carbazole	17.704	167	94120	3.584	ng		98
74) Di-n-butylphthalate	18.269	149	112250	3.535	ng		99
75) Fluoranthene	19.304	202	130742	3.693	ng		99
77) Benzidine	19.492	184	42650	4.096	ng		99
78) Pyrene	19.657	202	137123	3.901	ng		99
80) Butylbenzylphthalate	20.551	149	42452	3.234	ng		97
81) Benzo(a)anthracene	21.369	228	132975	3.793	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	41550	3.252	ng		96
83) Chrysene	21.422	228	121423	3.648	ng		98
84) Bis(2-ethylhexyl)phtha...	21.316	149	62937	3.149	ng		97
85) Di-n-octyl phthalate	22.263	149	87819	2.497	ng	#	98
87) Indeno(1,2,3-cd)pyrene	26.315	276	122633	3.283	ng		99
88) Benzo(b)fluoranthene	23.063	252	111986	3.642	ng		95
89) Benzo(k)fluoranthene	23.116	252	108964	3.709	ng		97
90) Benzo(a)pyrene	23.692	252	95909	3.505	ng		99
91) Dibenzo(a,h)anthracene	26.351	278	101277	3.297	ng	#	92
92) Benzo(g,h,i)perylene	27.086	276	99361	3.188	ng		100

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

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