Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
Data File : BP006460.D
Acq On : 02 Aug 2021 20:39
Operator : CG/JU
Sample : M2262-02
Misc : LOQ-SOIL-5ppm
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOQ-SOIL-02-QT2-2021

Quant Time: Aug 03 05:09:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 05:06:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	227564	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	937843	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	541572	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	1071504	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	1088943	20.000	ng	#	0.00
86) Perylene-d12	23.569	264	1112170	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1585827	108.675	ng		0.00
7) Phenol-d6	6.940	99	2176139	105.629	ng		0.00
23) Nitrobenzene-d5	8.916	82	994230	49.981	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	613811	110.843	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	1776959	49.181	ng		0.00
79) Terphenyl-d14	19.716	244	2650344	49.008	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	34801	5.382	ng		91
3) Pyridine	3.711	79	82616	4.424	ng		90
4) n-Nitrosodimethylamine	3.623	42	34749	4.926	ng	#	77
6) Aniline	7.099	93	122077	5.421	ng		93
8) 2-Chlorophenol	7.328	128	78165	4.952	ng		92
9) Benzaldehyde	6.911	77	85042	6.587	ng		87
10) Phenol	6.963	94	100941	4.863	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	79351	4.994	ng		90
12) 1,3-Dichlorobenzene	7.652	146	83335	5.002	ng		97
13) 1,4-Dichlorobenzene	7.799	146	85498	5.073	ng		99
14) 1,2-Dichlorobenzene	8.111	146	80138	4.949	ng		94
15) Benzyl Alcohol	8.005	79	71014	4.603	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.299	45	94484	5.039	ng		93
17) 2-Methylphenol	8.205	107	60678	4.672	ng		98
18) Hexachloroethane	8.828	117	33800	5.118	ng	#	85
19) n-Nitroso-di-n-propyla...	8.569	70	64944	4.754	ng	#	94
20) 3+4-Methylphenols	8.528	107	80207	4.528	ng		98
22) Acetophenone	8.581	105	123490	4.994	ng	#	96
24) Nitrobenzene	8.958	77	101294	4.906	ng	#	88
25) Isophorone	9.481	82	155480	4.378	ng		94
26) 2-Nitrophenol	9.663	139	29526	3.995	ng		93
27) 2,4-Dimethylphenol	9.728	122	66113	5.227	ng		96
28) bis(2-Chloroethoxy)met...	9.969	93	104187	5.365	ng		99
29) 2,4-Dichlorophenol	10.193	162	53992	4.223	ng		93
30) 1,2,4-Trichlorobenzene	10.410	180	68771	4.952	ng		93
31) Naphthalene	10.593	128	243023	4.864	ng		100
32) Benzoic acid	9.787	122	19506	2.031	ng		92
33) 4-Chloroaniline	10.710	127	93932	4.703	ng		96
34) Hexachlorobutadiene	10.875	225	38292	4.717	ng		98
35) Caprolactam	11.487	113	18208	3.884	ng	#	65
36) 4-Chloro-3-methylphenol	11.834	107	66347	4.160	ng		95
37) 2-Methylnaphthalene	12.204	142	160507	4.786	ng		98
38) 1-Methylnaphthalene	12.428	142	148932	4.676	ng		98
40) 1,2,4,5-Tetrachloroben...	12.575	216	69878	4.951	ng	#	95
41) Hexachlorocyclopentadiene	12.551	237	42384	5.666	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	37969	4.011	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	45020	4.296	ng	#	88
46) 1,1'-Biphenyl	13.222	154	210114	5.132	ng		97
47) 2-Chloronaphthalene	13.263	162	151424	4.803	ng		96
48) 2-Nitroaniline	13.469	65	43555	4.119	ng	#	81
49) Acenaphthylene	14.110	152	237643	4.745	ng		98
50) Dimethylphthalate	13.857	163	190225	4.886	ng		99
51) 2,6-Dinitrotoluene	13.975	165	35506	4.191	ng	#	78
52) Acenaphthene	14.451	154	146224	4.734	ng		98
53) 3-Nitroaniline	14.298	138	38158	4.064	ng	#	73
54) 2,4-Dinitrophenol	14.504	184	13904	3.024	ng	#	84
55) Dibenzofuran	14.787	168	230649	4.768	ng		93
56) 4-Nitrophenol	14.604	139	31351	3.676	ng		88
57) 2,4-Dinitrotoluene	14.757	165	42971	3.800	ng	#	73
58) Fluorene	15.440	166	180286	4.691	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	37474	4.263	ng	#	72
60) Diethylphthalate	15.222	149	191671	4.735	ng		98
61) 4-Chlorophenyl-phenyle...	15.440	204	84725	4.852	ng	#	88
62) 4-Nitroaniline	15.457	138	40084	4.035	ng		88
63) Azobenzene	15.734	77	205193	4.389	ng		92
65) 4,6-Dinitro-2-methylph...	15.516	198	18854	2.941	ng		68
66) n-Nitrosodiphenylamine	15.657	169	153977	4.641	ng		98
67) 4-Bromophenyl-phenylether	16.334	248	47545	4.628	ng	#	85
68) Hexachlorobenzene	16.439	284	56945	4.919	ng	#	90
69) Atrazine	16.616	200	50756	4.973	ng		94
70) Pentachlorophenol	16.787	266	28394	3.945	ng		99
71) Phenanthrene	17.181	178	290568	4.835	ng		98
72) Anthracene	17.275	178	275742	4.789	ng		99
73) Carbazole	17.545	167	261923	4.479	ng		98
74) Di-n-butylphthalate	18.116	149	286251	4.335	ng		99
75) Fluoranthene	19.157	202	307971	4.604	ng		93
77) Benzidine	19.345	184	158710	5.921	ng		98
78) Pyrene	19.510	202	325372	4.532	ng		99
80) Butylbenzylphthalate	20.404	149	119523	3.853	ng		87
81) Benzo(a)anthracene	21.222	228	325924	4.649	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	108764	5.853	ng	#	97
83) Chrysene	21.275	228	324120	4.745	ng		99
84) Bis(2-ethylhexyl)phtha...	21.169	149	196112	4.093	ng	#	96
85) Di-n-octyl phthalate	22.074	149	290894	3.585	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.968	276	365940	4.586	ng	#	88
88) Benzo(b)fluoranthene	22.857	252	321857	4.508	ng	#	95
89) Benzo(k)fluoranthene	22.904	252	322310	4.654	ng	#	96
90) Benzo(a)pyrene	23.463	252	296457	4.638	ng	#	95
91) Dibenzo(a,h)anthracene	25.992	278	320768	4.642	ng	#	93
92) Benzo(g,h,i)perylene	26.710	276	309366	4.669	ng	#	88

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

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