Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
Data File : BP006459.D
Acq On : 02 Aug 2021 20:05
Operator : CG/JU
Sample : M2262-01
Misc : LOD-MDL-SOIL 8ppm
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : LOD-MDL-SOIL-01-QT2-2021

Quant Time: Aug 03 05:08:50 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	7.764	152	198838	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	796699	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	461712	20.000	ng		0.00
64) Phenanthrene-d10	17.140	188	910659	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	934039	20.000	ng	#	0.00
86) Perylene-d12	23.569	264	983281	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1337300	104.884	ng		0.00
7) Phenol-d6	6.940	99	1767289	98.177	ng		0.00
23) Nitrobenzene-d5	8.916	82	878745	52.002	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	488554	103.483	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	1560089	50.647	ng		0.00
79) Terphenyl-d14	19.716	244	2263932	48.805	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	47975	8.491	ng		90
3) Pyridine	3.711	79	118187	7.243	ng		92
4) n-Nitrosodimethylamine	3.623	42	51647	8.380	ng	#	91
6) Aniline	7.099	93	173333	8.809	ng		94
8) 2-Chlorophenol	7.328	128	108323	7.854	ng		89
9) Benzaldehyde	6.911	77	115240	10.216	ng		94
10) Phenol	6.964	94	142189	7.839	ng		96
11) bis(2-Chloroethyl)ether	7.199	93	109171	7.863	ng		87
12) 1,3-Dichlorobenzene	7.646	146	119426	8.205	ng		93
13) 1,4-Dichlorobenzene	7.799	146	119555	8.119	ng		98
14) 1,2-Dichlorobenzene	8.111	146	114250	8.074	ng		97
15) Benzyl Alcohol	8.005	79	102560	7.609	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.293	45	133309	8.136	ng		90
17) 2-Methylphenol	8.205	107	88438	7.793	ng		98
18) Hexachloroethane	8.828	117	47208	8.181	ng	#	86
19) n-Nitroso-di-n-propyla...	8.569	70	93130	7.803	ng		95
20) 3+4-Methylphenols	8.528	107	116702	7.541	ng		98
22) Acetophenone	8.581	105	176198	8.388	ng	#	97
24) Nitrobenzene	8.958	77	141471	8.065	ng		90
25) Isophorone	9.487	82	223333	7.402	ng		94
26) 2-Nitrophenol	9.663	139	44586	7.101	ng	#	87
27) 2,4-Dimethylphenol	9.728	122	93617	8.713	ng		97
28) bis(2-Chloroethoxy)met...	9.969	93	144113	8.735	ng		97
29) 2,4-Dichlorophenol	10.193	162	79892	7.355	ng		93
30) 1,2,4-Trichlorobenzene	10.410	180	96382	8.170	ng		93
31) Naphthalene	10.593	128	338820	7.983	ng		100
32) Benzoic acid	9.799	122	36920	4.525	ng		88
33) 4-Chloroaniline	10.710	127	138750	8.178	ng	#	94
34) Hexachlorobutadiene	10.881	225	55378	8.030	ng		99
35) Caprolactam	11.487	113	27627	6.937	ng	#	73
36) 4-Chloro-3-methylphenol	11.834	107	100383	7.408	ng		92
37) 2-Methylnaphthalene	12.204	142	229223	8.046	ng		98
38) 1-Methylnaphthalene	12.428	142	210799	7.791	ng		100
40) 1,2,4,5-Tetrachloroben...	12.575	216	99014	8.228	ng	#	96
41) Hexachlorocyclopentadiene	12.552	237	60483	9.483	ng		100
43) 2,4,6-Trichlorophenol	12.816	196	57267	7.096	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	66343	7.426	ng	#	90
46) 1,1'-Biphenyl	13.222	154	288644	8.270	ng		97
47) 2-Chloronaphthalene	13.263	162	211099	7.854	ng		94
48) 2-Nitroaniline	13.469	65	64113	7.112	ng		87
49) Acenaphthylene	14.110	152	335719	7.862	ng		99
50) Dimethylphthalate	13.857	163	265359	7.995	ng		99
51) 2,6-Dinitrotoluene	13.969	165	51526	7.134	ng	#	69
52) Acenaphthene	14.451	154	206666	7.849	ng		99
53) 3-Nitroaniline	14.299	138	56713	7.085	ng	#	76
54) 2,4-Dinitrophenol	14.504	184	22592	5.763	ng	#	88
55) Dibenzofuran	14.787	168	323401	7.841	ng		92
56) 4-Nitrophenol	14.604	139	47606	6.548	ng	#	87
57) 2,4-Dinitrotoluene	14.757	165	64856	6.727	ng	#	79
58) Fluorene	15.440	166	255476	7.797	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.016	232	53225	7.102	ng	#	71
60) Diethylphthalate	15.222	149	271374	7.863	ng		96
61) 4-Chlorophenyl-phenyle...	15.440	204	117766	7.910	ng	#	87
62) 4-Nitroaniline	15.457	138	60624	7.158	ng		91
63) Azobenzene	15.734	77	299098	7.505	ng		92
65) 4,6-Dinitro-2-methylph...	15.516	198	29558	5.425	ng		72
66) n-Nitrosodiphenylamine	15.657	169	218167	7.737	ng		99
67) 4-Bromophenyl-phenylether	16.340	248	65712	7.526	ng	#	88
68) Hexachlorobenzene	16.440	284	79238	8.053	ng	#	89
69) Atrazine	16.616	200	71709	8.267	ng		92
70) Pentachlorophenol	16.787	266	42622	6.968	ng		98
71) Phenanthrene	17.181	178	406509	7.959	ng		98
72) Anthracene	17.275	178	393573	8.043	ng		99
73) Carbazole	17.551	167	372956	7.504	ng		99
74) Di-n-butylphthalate	18.116	149	409330	7.293	ng		99
75) Fluoranthene	19.157	202	436267	7.674	ng		94
77) Benzidine	19.345	184	235891	10.261	ng		98
78) Pyrene	19.510	202	467998	7.600	ng		99
80) Butylbenzylphthalate	20.398	149	175324	6.590	ng	#	84
81) Benzo(a)anthracene	21.222	228	454542	7.559	ng		100
82) 3,3'-Dichlorobenzidine	21.163	252	156217	9.802	ng	#	98
83) Chrysene	21.275	228	458395	7.824	ng		100
84) Bis(2-ethylhexyl)phtha...	21.169	149	287640	6.999	ng	#	95
85) Di-n-octyl phthalate	22.069	149	445037	6.395	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.968	276	537600	7.621	ng	#	88
88) Benzo(b)fluoranthene	22.857	252	467568	7.407	ng	#	95
89) Benzo(k)fluoranthene	22.904	252	462710	7.557	ng	#	94
90) Benzo(a)pyrene	23.463	252	441811	7.818	ng	#	94
91) Dibenzo(a,h)anthracene	25.992	278	468900	7.674	ng	#	93
92) Benzo(g,h,i)perylene	26.704	276	456294	7.789	ng	#	88

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

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