Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072321\
Data File : BP006288.D
Acq On : 23 Jul 2021 15:28
Operator : CG/JU
Sample : M2940-03
Misc : MDL-MDL-SOIL 4ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-03-QT3-2021

Quant Time: Jul 23 15:58:29 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 14:48:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	281931	20.000	ng		0.00
21) Naphthalene-d8	10.581	136	1167350	20.000	ng	#	0.00
39) Acenaphthene-d10	14.422	164	685533	20.000	ng		0.00
64) Phenanthrene-d10	17.175	188	1359542	20.000	ng	#	0.00
76) Chrysene-d12	21.274	240	1300479	20.000	ng	#	0.00
86) Perylene-d12	23.621	264	1323302	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1919364	109.278	ng		-0.01
7) Phenol-d6	6.969	99	2694510	110.851	ng		0.00
23) Nitrobenzene-d5	8.952	82	1421159	64.420	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	586538	93.901	ng		0.00
45) 2-Fluorobiphenyl	13.051	172	2838802	62.285	ng		0.00
79) Terphenyl-d14	19.751	244	4019610	62.538	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	29571	3.963	ng		93
3) Pyridine	3.734	79	69327	3.249	ng		96
4) n-Nitrosodimethylamine	3.646	42	28855	3.954	ng	#	78
6) Aniline	7.128	93	117853	4.460	ng		95
8) 2-Chlorophenol	7.358	128	73502	3.833	ng		88
9) Benzaldehyde	6.946	77	75190	5.362	ng		89
10) Phenol	6.993	94	93752	3.878	ng		96
11) bis(2-Chloroethyl)ether	7.228	93	76744	4.133	ng		90
12) 1,3-Dichlorobenzene	7.681	146	82636	4.040	ng		98
13) 1,4-Dichlorobenzene	7.828	146	83249	4.008	ng		98
14) 1,2-Dichlorobenzene	8.140	146	78803	3.964	ng		96
15) Benzyl Alcohol	8.034	79	66127	3.782	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.334	45	87947	4.363	ng		93
17) 2-Methylphenol	8.234	107	59365	3.804	ng		96
18) Hexachloroethane	8.863	117	29175	3.863	ng		87
19) n-Nitroso-di-n-propyla...	8.605	70	58601	3.911	ng	#	91
20) 3+4-Methylphenols	8.563	107	77841	3.689	ng		97
22) Acetophenone	8.616	105	117399	4.067	ng	#	97
24) Nitrobenzene	8.993	77	93788	4.072	ng		91
25) Isophorone	9.516	82	139470	3.444	ng		97
26) 2-Nitrophenol	9.699	139	27774	3.151	ng		98
27) 2,4-Dimethylphenol	9.763	122	64914	4.094	ng		96
28) bis(2-Chloroethoxy)met...	10.004	93	97964	4.241	ng		97
29) 2,4-Dichlorophenol	10.228	162	54994	3.384	ng		94
30) 1,2,4-Trichlorobenzene	10.446	180	68847	3.842	ng		96
31) Naphthalene	10.628	128	244501	3.964	ng		98
32) Benzoic acid	9.816	122	23633	2.095	ng		93
33) 4-Chloroaniline	10.746	127	94704	3.839	ng		98
34) Hexachlorobutadiene	10.916	225	39395	3.747	ng		97
35) Caprolactam	11.516	113	15909	3.093	ng	#	63
36) 4-Chloro-3-methylphenol	11.863	107	68108	3.521	ng		95
37) 2-Methylnaphthalene	12.240	142	165349	3.904	ng		98
38) 1-Methylnaphthalene	12.457	142	152455	3.819	ng		100
40) 1,2,4,5-Tetrachloroben...	12.604	216	72901	3.945	ng	#	96
41) Hexachlorocyclopentadiene	12.593	237	37760	3.772	ng		91
43) 2,4,6-Trichlorophenol	12.851	196	38901	3.188	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.916	196	43563	3.256	ng	#	93
46) 1,1'-Biphenyl	13.257	154	211792	4.124	ng		97
47) 2-Chloronaphthalene	13.293	162	154704	3.923	ng		96
48) 2-Nitroaniline	13.504	65	35779	3.150	ng		88
49) Acenaphthylene	14.140	152	226809	3.631	ng		99
50) Dimethylphthalate	13.893	163	183690	3.818	ng		100
51) 2,6-Dinitrotoluene	13.998	165	31149	2.991	ng	#	83
52) Acenaphthene	14.487	154	148290	3.840	ng		98
53) 3-Nitroaniline	14.328	138	34048	3.044	ng	#	83
54) 2,4-Dinitrophenol	14.528	184	12214	2.327	ng	#	77
55) Dibenzofuran	14.822	168	230208	3.807	ng		97
56) 4-Nitrophenol	14.634	139	26614	2.797	ng	#	87
57) 2,4-Dinitrotoluene	14.787	165	37093	2.725	ng	#	75
58) Fluorene	15.469	166	184006	3.818	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.045	232	34997	3.150	ng	#	77
60) Diethylphthalate	15.257	149	185224	3.753	ng		97
61) 4-Chlorophenyl-phenyle...	15.475	204	86235	3.819	ng		93
62) 4-Nitroaniline	15.487	138	32969	2.844	ng	#	79
63) Azobenzene	15.763	77	187093	3.551	ng		91
65) 4,6-Dinitro-2-methylph...	15.545	198	17316	2.290	ng		74
66) n-Nitrosodiphenylamine	15.687	169	153875	3.652	ng		99
67) 4-Bromophenyl-phenylether	16.369	248	32209	2.682	ng	#	90
68) Hexachlorobenzene	16.469	284	56229	3.701	ng	#	83
69) Atrazine	16.645	200	48165	3.621	ng		96
70) Pentachlorophenol	16.816	266	25746	2.825	ng		98
71) Phenanthrene	17.216	178	287587	3.834	ng		100
72) Anthracene	17.304	178	268049	3.695	ng		99
73) Carbazole	17.581	167	249666	3.440	ng		99
74) Di-n-butylphthalate	18.151	149	270635	3.295	ng		100
75) Fluoranthene	19.192	202	303958	3.621	ng		93
77) Benzidine	19.375	184	122311	3.603	ng		99
78) Pyrene	19.539	202	317477	3.711	ng		99
80) Butylbenzylphthalate	20.439	149	104713	2.893	ng		89
81) Benzo(a)anthracene	21.257	228	306837	3.675	ng		100
82) 3,3'-Dichlorobenzidine	21.198	252	91528	4.141	ng	#	95
83) Chrysene	21.310	228	305011	3.777	ng		100
84) Bis(2-ethylhexyl)phtha...	21.204	149	174848	3.206	ng	#	96
85) Di-n-octyl phthalate	22.121	149	273730	3.018	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.051	276	345995	3.658	ng	#	88
88) Benzo(b)fluoranthene	22.910	252	317207	3.729	ng	#	96
89) Benzo(k)fluoranthene	22.957	252	304587	3.782	ng	#	95
90) Benzo(a)pyrene	23.516	252	285342	3.744	ng	#	94
91) Dibenzo(a,h)anthracene	26.080	278	301544	3.690	ng	#	89
92) Benzo(g,h,i)perylene	26.792	276	293367	3.723	ng	#	89

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

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