Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080221\
Data File : BP006461.D
Acq On : 02 Aug 2021 21:13
Operator : CG/JU
Sample : M2262-02
Misc : LOQ-SOIL-10ppm
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Aug 03 05:10:12 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	206649	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	852332	20.000	ng	#	0.00
39) Acenaphthene-d10	14.387	164	493551	20.000	ng		0.00
64) Phenanthrene-d10	17.139	188	974278	20.000	ng	#	0.00
76) Chrysene-d12	21.239	240	983688	20.000	ng	#	0.00
86) Perylene-d12	23.568	264	996539	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	1565454	118.137	ng		0.00
7) Phenol-d6	6.940	99	2166012	115.779	ng		0.00
23) Nitrobenzene-d5	8.916	82	871336	48.198	ng		0.00
42) 2,4,6-Tribromophenol	15.881	330	606201	120.119	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	1564738	47.521	ng		0.00
79) Terphenyl-d14	19.716	244	2302002	47.121	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	62774	10.690	ng		90
3) Pyridine	3.711	79	155931	9.195	ng		95
4) n-Nitrosodimethylamine	3.622	42	65119	10.166	ng	#	83
6) Aniline	7.099	93	228893	11.193	ng		95
8) 2-Chlorophenol	7.328	128	143672	10.023	ng		90
9) Benzaldehyde	6.910	77	152825	13.035	ng		90
10) Phenol	6.963	94	187642	9.954	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	150318	10.418	ng		92
12) 1,3-Dichlorobenzene	7.652	146	153243	10.130	ng		97
13) 1,4-Dichlorobenzene	7.799	146	155952	10.190	ng		98
14) 1,2-Dichlorobenzene	8.110	146	149791	10.186	ng		96
15) Benzyl Alcohol	8.005	79	137629	9.824	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.299	45	176599	10.371	ng		94
17) 2-Methylphenol	8.204	107	116245	9.856	ng		95
18) Hexachloroethane	8.828	117	62018	10.341	ng	#	88
19) n-Nitroso-di-n-propyla...	8.569	70	125898	10.150	ng	#	95
20) 3+4-Methylphenols	8.528	107	155794	9.686	ng		96
22) Acetophenone	8.581	105	231571	10.304	ng	#	97
24) Nitrobenzene	8.957	77	187197	9.976	ng		90
25) Isophorone	9.487	82	296502	9.186	ng		95
26) 2-Nitrophenol	9.663	139	59891	8.916	ng		94
27) 2,4-Dimethylphenol	9.728	122	127056	11.053	ng		96
28) bis(2-Chloroethoxy)met...	9.969	93	191899	10.873	ng		98
29) 2,4-Dichlorophenol	10.193	162	107334	9.236	ng		94
30) 1,2,4-Trichlorobenzene	10.410	180	125850	9.971	ng		98
31) Naphthalene	10.593	128	450435	9.920	ng		100
32) Benzoic acid	9.804	122	53251	6.101	ng		97
33) 4-Chloroaniline	10.710	127	184702	10.176	ng		95
34) Hexachlorobutadiene	10.881	225	73031	9.899	ng		98
35) Caprolactam	11.487	113	36994	8.683	ng	#	60
36) 4-Chloro-3-methylphenol	11.834	107	137969	9.518	ng		90
37) 2-Methylnaphthalene	12.204	142	306885	10.069	ng		99
38) 1-Methylnaphthalene	12.428	142	282715	9.766	ng		97
40) 1,2,4,5-Tetrachloroben...	12.575	216	129572	10.073	ng	#	95
41) Hexachlorocyclopentadiene	12.557	237	82503	12.101	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	76507	8.868	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	88255	9.241	ng	#	88
46) 1,1'-Biphenyl	13.222	154	385543	10.334	ng		95
47) 2-Chloronaphthalene	13.263	162	280690	9.769	ng		95
48) 2-Nitroaniline	13.469	65	88797	9.215	ng	#	82
49) Acenaphthylene	14.110	152	457617	10.025	ng		99
50) Dimethylphthalate	13.857	163	353609	9.966	ng		99
51) 2,6-Dinitrotoluene	13.969	165	69391	8.988	ng	#	68
52) Acenaphthene	14.451	154	271015	9.629	ng		96
53) 3-Nitroaniline	14.298	138	77637	9.073	ng	#	77
54) 2,4-Dinitrophenol	14.504	184	29433	7.023	ng	#	82
55) Dibenzofuran	14.787	168	428534	9.720	ng		92
56) 4-Nitrophenol	14.604	139	66104	8.506	ng		84
57) 2,4-Dinitrotoluene	14.757	165	90196	8.752	ng	#	74
58) Fluorene	15.439	166	338665	9.669	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	74040	9.243	ng	#	72
60) Diethylphthalate	15.228	149	365760	9.914	ng		97
61) 4-Chlorophenyl-phenyle...	15.439	204	159125	9.998	ng	#	88
62) 4-Nitroaniline	15.463	138	80126	8.850	ng		91
63) Azobenzene	15.733	77	409907	9.622	ng		92
65) 4,6-Dinitro-2-methylph...	15.516	198	39292	6.741	ng	#	65
66) n-Nitrosodiphenylamine	15.657	169	291507	9.663	ng		99
67) 4-Bromophenyl-phenylether	16.339	248	89443	9.575	ng	#	90
68) Hexachlorobenzene	16.439	284	104662	9.943	ng	#	86
69) Atrazine	16.616	200	97247	10.479	ng		95
70) Pentachlorophenol	16.786	266	57078	8.723	ng		98
71) Phenanthrene	17.180	178	537693	9.840	ng		99
72) Anthracene	17.275	178	530631	10.136	ng		99
73) Carbazole	17.551	167	495785	9.323	ng		99
74) Di-n-butylphthalate	18.116	149	573803	9.556	ng		99
75) Fluoranthene	19.157	202	580587	9.546	ng		93
77) Benzidine	19.345	184	323381	13.356	ng		98
78) Pyrene	19.510	202	616862	9.512	ng		99
80) Butylbenzylphthalate	20.404	149	246079	8.783	ng		89
81) Benzo(a)anthracene	21.221	228	600815	9.487	ng		99
82) 3,3'-Dichlorobenzidine	21.163	252	208961	12.449	ng	#	98
83) Chrysene	21.274	228	594493	9.635	ng		100
84) Bis(2-ethylhexyl)phtha...	21.169	149	397897	9.193	ng	#	97
85) Di-n-octyl phthalate	22.074	149	619145	8.448	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.974	276	674103	9.428	ng	#	88
88) Benzo(b)fluoranthene	22.857	252	607264	9.493	ng	#	95
89) Benzo(k)fluoranthene	22.904	252	597097	9.621	ng	#	96
90) Benzo(a)pyrene	23.462	252	562561	9.823	ng	#	94
91) Dibenzo(a,h)anthracene	25.992	278	586099	9.465	ng	#	92
92) Benzo(g,h,i)perylene	26.709	276	565755	9.530	ng	#	90

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

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