Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
Data File : BP011710.D
Acq On : 15 Sep 2022 15:45
Operator : CG/JU
Sample : N3980-02
Misc : LOQ--SOIL-5NG
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2022

Quant Time: Sep 15 16:10:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 16:01:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.946	152	344308	20.000	ng		0.00
21) Naphthalene-d8	10.757	136	1353430	20.000	ng		0.00
39) Acenaphthene-d10	14.586	164	752607	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	1462848	20.000	ng	#	0.00
76) Chrysene-d12	21.421	240	1297031	20.000	ng	#	0.00
86) Perylene-d12	23.880	264	1242551	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	2251914	119.049	ng		0.00
7) Phenol-d6	7.099	99	2909874	115.402	ng		0.00
23) Nitrobenzene-d5	9.110	82	1949851	85.442	ng		0.00
42) 2,4,6-Tribromophenol	16.075	330	696959	118.522	ng		0.00
45) 2-Fluorobiphenyl	13.210	172	4320510	89.236	ng		0.00
79) Terphenyl-d14	19.892	244	5439131	91.192	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	52367	6.286	ng	#	81
3) Pyridine	3.799	79	108594	4.522	ng	#	82
4) n-Nitrosodimethylamine	3.699	42	50408	5.475	ng	#	48
6) Aniline	7.269	93	186205	5.995	ng		89
8) 2-Chlorophenol	7.505	128	128803	5.743	ng		94
9) Benzaldehyde	7.081	77	113330	7.022	ng		91
10) Phenol	7.128	94	162868	5.743	ng		84
11) bis(2-Chloroethyl)ether	7.363	93	129414	5.728	ng		94
12) 1,3-Dichlorobenzene	7.834	146	145128	5.835	ng	#	94
13) 1,4-Dichlorobenzene	7.981	146	148110	5.855	ng		95
14) 1,2-Dichlorobenzene	8.299	146	142477	5.908	ng		95
15) Benzyl Alcohol	8.187	79	94354	5.242	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.475	45	181190	6.004	ng		92
17) 2-Methylphenol	8.387	107	94676	5.142	ng	#	92
18) Hexachloroethane	9.028	117	48758	5.573	ng		93
19) n-Nitroso-di-n-propyla...	8.757	70	83828	5.135	ng	#	85
20) 3+4-Methylphenols	8.710	107	121834	4.818	ng		94
22) Acetophenone	8.775	105	183731	5.791	ng	#	87
24) Nitrobenzene	9.151	77	142851	6.016	ng		91
25) Isophorone	9.681	82	209427	5.188	ng		96
26) 2-Nitrophenol	9.869	139	39369	4.042	ng	#	84
27) 2,4-Dimethylphenol	9.922	122	98070	5.811	ng		91
28) bis(2-Chloroethoxy)met...	10.163	93	161357	6.251	ng		99
29) 2,4-Dichlorophenol	10.398	162	88901	4.755	ng		95
30) 1,2,4-Trichlorobenzene	10.616	180	116746	5.640	ng		97
31) Naphthalene	10.804	128	402476	5.730	ng		100
32) Benzoic acid	9.981	122	20605	1.631	ng	#	79
33) 4-Chloroaniline	10.916	127	149133	5.412	ng	#	93
34) Hexachlorobutadiene	11.093	225	64508	5.657	ng		94
35) Caprolactam	11.687	113	21017	3.469	ng	#	80
36) 4-Chloro-3-methylphenol	12.034	107	94546	4.702	ng		95
37) 2-Methylnaphthalene	12.416	142	259213	5.515	ng		95
38) 1-Methylnaphthalene	12.634	142	247945	5.395	ng		97
40) 1,2,4,5-Tetrachloroben...	12.781	216	119405	6.011	ng		98
41) Hexachlorocyclopentadiene	12.763	237	62488	6.303	ng		100
43) 2,4,6-Trichlorophenol	13.016	196	60437	4.473	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.087	196	71768	4.751	ng		98
46) 1,1'-Biphenyl	13.422	154	346902	6.336	ng		100
47) 2-Chloronaphthalene	13.463	162	251260	5.833	ng		99
48) 2-Nitroaniline	13.663	65	50881	4.212	ng		98
49) Acenaphthylene	14.304	152	345463	5.183	ng		100
50) Dimethylphthalate	14.039	163	284753	5.423	ng		99
51) 2,6-Dinitrotoluene	14.157	165	47337	4.446	ng		93
52) Acenaphthene	14.645	154	243021	5.481	ng		96
53) 3-Nitroaniline	14.486	138	47190	3.844	ng		98
54) 2,4-Dinitrophenol	14.692	184	14207	2.739	ng		97
55) Dibenzofuran	14.986	168	377752	5.916	ng		97
56) 4-Nitrophenol	14.786	139	32178	3.110	ng	#	75
57) 2,4-Dinitrotoluene	14.939	165	51187	3.712	ng		97
58) Fluorene	15.634	166	288532	5.572	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.210	232	52454	4.227	ng		90
60) Diethylphthalate	15.404	149	273247	5.227	ng		98
61) 4-Chlorophenyl-phenyle...	15.628	204	139179	5.814	ng		98
62) 4-Nitroaniline	15.645	138	44535	3.609	ng	#	83
63) Azobenzene	15.922	77	243588	4.849	ng		91
65) 4,6-Dinitro-2-methylph...	15.704	198	20991	2.934	ng		89
66) n-Nitrosodiphenylamine	15.845	169	235650	5.414	ng		98
67) 4-Bromophenyl-phenylether	16.528	248	73681	5.381	ng		95
68) Hexachlorobenzene	16.639	284	81998	5.560	ng		94
69) Atrazine	16.798	200	66532	5.008	ng		97
70) Pentachlorophenol	16.986	266	35702	3.816	ng		94
71) Phenanthrene	17.380	178	448847	5.639	ng		99
72) Anthracene	17.475	178	402039	5.340	ng		99
73) Carbazole	17.745	167	373959	5.265	ng		100
74) Di-n-butylphthalate	18.292	149	379769	4.436	ng		99
75) Fluoranthene	19.345	202	446980	5.207	ng		98
77) Benzidine	19.522	184	162827	5.279	ng		97
78) Pyrene	19.698	202	466720	5.335	ng		99
80) Butylbenzylphthalate	20.569	149	144651	3.946	ng		94
81) Benzo(a)anthracene	21.404	228	451645	5.402	ng		98
82) 3,3'-Dichlorobenzidine	21.339	252	135081	5.320	ng	#	96
83) Chrysene	21.457	228	441560	5.528	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	207599	3.937	ng	#	97
85) Di-n-octyl phthalate	22.274	149	320975	3.547	ng		95
87) Indeno(1,2,3-cd)pyrene	26.445	276	452800	5.058	ng	#	89
88) Benzo(b)fluoranthene	23.127	252	438119	5.701	ng	#	97
89) Benzo(k)fluoranthene	23.174	252	416109	5.373	ng	#	96
90) Benzo(a)pyrene	23.768	252	342943	5.402	ng	#	96
91) Dibenzo(a,h)anthracene	26.468	278	404165	5.437	ng	#	94
92) Benzo(g,h,i)perylene	27.233	276	395337	5.455	ng	#	89

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

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