Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111822\
Data File : BP012669.D
Acq On : 18 Nov 2022 11:20
Operator : CG/JU
Sample : N4955-01
Misc : LOD-MDL-SOIL-8ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

Quant Time: Nov 21 03:30:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 03:25:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.046	152	237494	20.000	ng		0.00
21) Naphthalene-d8	10.863	136	1027129	20.000	ng		0.00
39) Acenaphthene-d10	14.675	164	698442	20.000	ng		0.00
64) Phenanthrene-d10	17.433	188	1562545	20.000	ng		0.00
76) Chrysene-d12	21.516	240	1635623	20.000	ng		0.00
86) Perylene-d12	24.039	264	1618372	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.581	112	1309799	99.671	ng		0.00
7) Phenol-d6	7.187	99	1840496	100.564	ng		0.00
23) Nitrobenzene-d5	9.210	82	1323687	81.028	ng		0.00
42) 2,4,6-Tribromophenol	16.163	330	863201	107.995	ng		0.00
45) 2-Fluorobiphenyl	13.304	172	3664005	78.934	ng		0.00
79) Terphenyl-d14	19.980	244	6068773	80.167	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.446	88	39271	7.441	ng		97
3) Pyridine	3.858	79	107924	6.478	ng		99
4) n-Nitrosodimethylamine	3.764	42	50963	7.163	ng	#	77
6) Aniline	7.363	93	176931	7.674	ng		100
8) 2-Chlorophenol	7.599	128	124513	7.673	ng		98
9) Benzaldehyde	7.175	77	112895	10.577	ng		97
10) Phenol	7.210	94	153712	7.455	ng		96
11) bis(2-Chloroethyl)ether	7.457	93	127767	7.779	ng		97
12) 1,3-Dichlorobenzene	7.934	146	141745	7.871	ng		98
13) 1,4-Dichlorobenzene	8.081	146	146633	7.985	ng		99
14) 1,2-Dichlorobenzene	8.399	146	144428	8.196	ng		99
15) Benzyl Alcohol	8.275	79	92780	6.804	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.569	45	185552	8.007	ng		99
17) 2-Methylphenol	8.475	107	104639	7.319	ng		96
18) Hexachloroethane	9.134	117	51220	8.347	ng		99
19) n-Nitroso-di-n-propyla...	8.846	70	88250	7.094	ng		96
20) 3+4-Methylphenols	8.804	107	137043	6.842	ng		100
22) Acetophenone	8.863	105	215370	8.400	ng	#	99
24) Nitrobenzene	9.252	77	144225	8.176	ng		99
25) Isophorone	9.775	82	291277	7.927	ng		99
26) 2-Nitrophenol	9.963	139	46737	6.110	ng		95
27) 2,4-Dimethylphenol	10.016	122	120836	8.371	ng		97
28) bis(2-Chloroethoxy)met...	10.263	93	180489	8.636	ng		100
29) 2,4-Dichlorophenol	10.499	162	118639	7.071	ng		97
30) 1,2,4-Trichlorobenzene	10.722	180	141520	7.858	ng		99
31) Naphthalene	10.910	128	446594	7.909	ng		100
32) Benzoic acid	10.063	122	38533	3.409	ng		97
33) 4-Chloroaniline	11.016	127	170866	7.263	ng		100
34) Hexachlorobutadiene	11.198	225	85836	8.067	ng		95
35) Caprolactam	11.763	113	34730	6.357	ng		99
36) 4-Chloro-3-methylphenol	12.122	107	128997	7.162	ng		98
37) 2-Methylnaphthalene	12.510	142	322548	7.988	ng		99
38) 1-Methylnaphthalene	12.728	142	308708	7.780	ng		99
40) 1,2,4,5-Tetrachloroben...	12.875	216	171505	8.419	ng		99
41) Hexachlorocyclopentadiene	12.857	237	65828	8.496	ng		97
43) 2,4,6-Trichlorophenol	13.104	196	101614	7.006	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.175	196	113687	7.085	ng		99
46) 1,1'-Biphenyl	13.516	154	440132	8.427	ng		99
47) 2-Chloronaphthalene	13.557	162	336280	8.109	ng		99
48) 2-Nitroaniline	13.751	65	41559	5.007	ng		98
49) Acenaphthylene	14.398	152	529793	7.827	ng		99
50) Dimethylphthalate	14.128	163	408134	7.419	ng		99
51) 2,6-Dinitrotoluene	14.239	165	57958	6.008	ng		89
52) Acenaphthene	14.739	154	330922	7.661	ng		97
53) 3-Nitroaniline	14.569	138	60170	5.446	ng		98
54) 2,4-Dinitrophenol	14.775	184	21718	4.054	ng		91
55) Dibenzofuran	15.075	168	528435	8.104	ng		98
56) 4-Nitrophenol	14.857	139	57413	5.552	ng		93
57) 2,4-Dinitrotoluene	15.028	165	68177	5.313	ng		97
58) Fluorene	15.722	166	432569	8.428	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.292	232	100081	6.928	ng		99
60) Diethylphthalate	15.492	149	390802	7.222	ng		98
61) 4-Chlorophenyl-phenyle...	15.722	204	209702	8.500	ng		97
62) 4-Nitroaniline	15.728	138	55145	5.102	ng		95
63) Azobenzene	16.016	77	384832	7.783	ng		99
65) 4,6-Dinitro-2-methylph...	15.786	198	30127	3.926	ng		92
66) n-Nitrosodiphenylamine	15.928	169	349110	7.497	ng		100
67) 4-Bromophenyl-phenylether	16.616	248	117794	7.210	ng		99
68) Hexachlorobenzene	16.728	284	149998	7.916	ng		97
69) Atrazine	16.881	200	91747	7.477	ng		98
70) Pentachlorophenol	17.069	266	81104	6.595	ng		96
71) Phenanthrene	17.475	178	701688	7.917	ng		99
72) Anthracene	17.563	178	684360	8.003	ng		98
73) Carbazole	17.828	167	633220	7.797	ng		100
74) Di-n-butylphthalate	18.386	149	522303	6.169	ng		99
75) Fluoranthene	19.427	202	806868	7.684	ng		99
77) Benzidine	19.604	184	144343	6.419	ng		98
78) Pyrene	19.780	202	829883	7.180	ng		98
80) Butylbenzylphthalate	20.657	149	91151	4.369	ng		100
81) Benzo(a)anthracene	21.498	228	849552	7.409	ng		98
82) 3,3'-Dichlorobenzidine	21.421	252	142506	4.937	ng		97
83) Chrysene	21.551	228	812556	7.473	ng		99
84) Bis(2-ethylhexyl)phtha...	21.427	149	167573	4.432	ng		98
85) Di-n-octyl phthalate	22.404	149	283767	3.548	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.698	276	813152	6.902	ng		99
88) Benzo(b)fluoranthene	23.268	252	794907	7.419	ng		98
89) Benzo(k)fluoranthene	23.315	252	838072	7.872	ng		99
90) Benzo(a)pyrene	23.927	252	661560	7.440	ng		99
91) Dibenzo(a,h)anthracene	26.721	278	725369	7.445	ng		99
92) Benzo(g,h,i)perylene	27.503	276	683814	7.226	ng		99

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

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