Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111422\
Data File : BP012649.D
Acq On : 14 Nov 2022 12:46
Operator : CG/JU
Sample : N5529-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NMS-SOIL-1108MS

Quant Time: Nov 14 16:58:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 04:00:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	215327	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	802089	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	458833	20.000	ng	0.00
64) Phenanthrene-d10	17.134	188	913002	20.000	ng	0.00
76) Chrysene-d12	21.239	240	1019019	20.000	ng	0.00
86) Perylene-d12	23.580	264	1223267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1516743	131.162	ng	0.00
7) Phenol-d6	6.899	99	1847517	115.101	ng	0.00
23) Nitrobenzene-d5	8.881	82	1121168	77.548	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	753741	120.335	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	2238901	74.076	ng	0.00
79) Terphenyl-d14	19.704	244	3246085	64.535	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	214671	43.272	ng	99
3) Pyridine	3.599	79	543995	37.618	ng	99
4) n-Nitrosodimethylamine	3.517	42	229621	42.895	ng	97
6) Aniline	7.046	93	512279	25.222	ng	98
8) 2-Chlorophenol	7.275	128	596658	40.742	ng	99
9) Benzaldehyde	6.858	77	337288	33.314	ng	99
10) Phenol	6.922	94	712137	39.270	ng	99
11) bis(2-Chloroethyl)ether	7.146	93	584342	38.968	ng	98
12) 1,3-Dichlorobenzene	7.593	146	676013	41.891	ng	100
13) 1,4-Dichlorobenzene	7.746	146	677913	41.046	ng	99
14) 1,2-Dichlorobenzene	8.058	146	647854	41.222	ng	100
15) Benzyl Alcohol	7.963	79	484601	40.339	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.246	45	716519	36.793	ng	99
17) 2-Methylphenol	8.169	107	469739	37.594	ng	99
18) Hexachloroethane	8.775	117	243948	41.302	ng	99
19) n-Nitroso-di-n-propyla...	8.528	70	392108	33.652	ng	99
20) 3+4-Methylphenols	8.499	107	625361	35.610	ng	99
22) Acetophenone	8.540	105	841672	42.135	ng	99
24) Nitrobenzene	8.922	77	623379	41.416	ng	99
25) Isophorone	9.446	82	1086996	40.021	ng	99
26) 2-Nitrophenol	9.628	139	307794	42.605	ng	99
27) 2,4-Dimethylphenol	9.699	122	506226	46.904	ng	98
28) bis(2-Chloroethoxy)met...	9.934	93	710295	42.207	ng	99
29) 2,4-Dichlorophenol	10.163	162	519354	40.621	ng	99
30) 1,2,4-Trichlorobenzene	10.369	180	576459	41.604	ng	100
31) Naphthalene	10.557	128	1734127	39.797	ng	100
32) Benzoic acid	9.857	122	369514	34.871	ng	97
33) 4-Chloroaniline	10.687	127	249716	13.740	ng	100
34) Hexachlorobutadiene	10.828	225	369821	42.187	ng	100
35) Caprolactam	11.499	113	147846	34.597	ng	98
36) 4-Chloro-3-methylphenol	11.822	107	527925	36.583	ng	99
37) 2-Methylnaphthalene	12.175	142	1171986	37.523	ng	99
38) 1-Methylnaphthalene	12.393	142	1089320	35.645	ng	100
40) 1,2,4,5-Tetrachloroben...	12.546	216	617576	45.172	ng	99
41) Hexachlorocyclopentadiene	12.516	237	643628	91.463	ng	100
43) 2,4,6-Trichlorophenol	12.799	196	400017	41.653	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	431844	40.285	ng	99
46) 1,1'-Biphenyl	13.198	154	1470769	43.284	ng	100
47) 2-Chloronaphthalene	13.240	162	1131672	42.433	ng	99
48) 2-Nitroaniline	13.463	65	316825	39.280	ng	99
49) Acenaphthylene	14.087	152	1781371	42.063	ng	100
50) Dimethylphthalate	13.840	163	1364162	37.622	ng	100
51) 2,6-Dinitrotoluene	13.963	165	299174	38.690	ng	99
52) Acenaphthene	14.434	154	1039083	40.309	ng	100
53) 3-Nitroaniline	14.298	138	220214	26.461	ng	98
54) 2,4-Dinitrophenol	14.510	184	346215	64.106	ng	98
55) Dibenzofuran	14.769	168	1626929	39.931	ng	99
56) 4-Nitrophenol	14.622	139	528932	76.475	ng	96
57) 2,4-Dinitrotoluene	14.757	165	390461	39.181	ng	99
58) Fluorene	15.422	166	1285494	39.969	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	373068	37.787	ng	99
60) Diethylphthalate	15.204	149	1371779	37.791	ng	100
61) 4-Chlorophenyl-phenyle...	15.422	204	638931	40.079	ng	98
62) 4-Nitroaniline	15.469	138	274556	32.242	ng	99
63) Azobenzene	15.716	77	1236878	38.013	ng	99
65) 4,6-Dinitro-2-methylph...	15.522	198	211256	34.057	ng	95
66) n-Nitrosodiphenylamine	15.640	169	1113639	41.351	ng	99
67) 4-Bromophenyl-phenylether	16.322	248	424200	41.332	ng	99
68) Hexachlorobenzene	16.428	284	505154	41.235	ng	99
69) Atrazine	16.604	200	405169	43.146	ng	98
70) Pentachlorophenol	16.787	266	632555	83.705	ng	99
71) Phenanthrene	17.175	178	2227158	44.253	ng	100
72) Anthracene	17.269	178	2137326	44.263	ng	99
73) Carbazole	17.551	167	1892666	41.857	ng	99
74) Di-n-butylphthalate	18.098	149	2482103	43.956	ng	100
75) Fluoranthene	19.157	202	3051783	51.740	ng	98
77) Benzidine	19.345	184	957077	42.571	ng	100
78) Pyrene	19.510	202	3110565	44.248	ng	99
80) Butylbenzylphthalate	20.386	149	1147630	38.545	ng	99
81) Benzo(a)anthracene	21.222	228	3059086	44.895	ng	100
82) 3,3'-Dichlorobenzidine	21.163	252	862496	37.068	ng	99
83) Chrysene	21.275	228	2843572	43.783	ng	100
84) Bis(2-ethylhexyl)phtha...	21.145	149	1881718	46.210	ng	99
85) Di-n-octyl phthalate	22.051	149	3026256	44.055	ng	99
87) Indeno(1,2,3-cd)pyrene	26.015	276	4145804	47.825	ng	98
88) Benzo(b)fluoranthene	22.869	252	3612427	45.903	ng	99
89) Benzo(k)fluoranthene	22.916	252	3146023	40.970	ng	99
90) Benzo(a)pyrene	23.480	252	3135103	48.784	ng	99
91) Dibenzo(a,h)anthracene	26.027	278	3333395	46.005	ng	99
92) Benzo(g,h,i)perylene	26.762	276	3585503	50.678	ng	98

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

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