Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009680.D
Acq On : 04 Apr 2022 15:52
Operator : CG/JU
Sample : N2229-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/05/2022
Supervised By :Jagrut Upadhyay 04/05/2022

Quant Time: Apr 04 23:25:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 04:36:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	225986	20.000	ng		-0.02
21) Naphthalene-d8	10.516	136	913415	20.000	ng		-0.02
39) Acenaphthene-d10	14.375	164	570191	20.000	ng		-0.02
64) Phenanthrene-d10	17.145	188	1169424	20.000	ng		-0.01
76) Chrysene-d12	21.263	240	1172000	20.000	ng		-0.01
86) Perylene-d12	23.639	264	1248925	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1767676	136.568	ng		-0.01
7) Phenol-d6	6.922	99	2240264	127.983	ng		-0.01
23) Nitrobenzene-d5	8.887	82	1393221	81.055	ng		-0.01
42) 2,4,6-Tribromophenol	15.881	330	921167	97.901	ng		-0.01
45) 2-Fluorobiphenyl	12.993	172	3049639	74.145	ng		-0.02
79) Terphenyl-d14	19.728	244	4702959	72.025	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	238214	46.465	ng		99
3) Pyridine	3.652	79	696308	50.429	ng		99
4) n-Nitrosodimethylamine	3.570	42	301722	59.333	ng		95
6) Aniline	7.058	93	894905	44.857	ng		99
8) 2-Chlorophenol	7.299	128	792304	53.681	ng		99
9) Benzaldehyde	6.875	77	368442	44.984	ng		99
10) Phenol	6.952	94	992838	56.536	ng		98
11) bis(2-Chloroethyl)ether	7.158	93	734272	52.833	ng		98
12) 1,3-Dichlorobenzene	7.616	146	834328	50.085	ng		99
13) 1,4-Dichlorobenzene	7.758	146	849599	49.882	ng		99
14) 1,2-Dichlorobenzene	8.075	146	818581	49.725	ng		99
15) Benzyl Alcohol	7.975	79	694310	49.750	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.258	45	842109	55.897	ng		99
17) 2-Methylphenol	8.187	107	648643	53.600	ng		99
18) Hexachloroethane	8.793	117	301908	50.579	ng		98
19) n-Nitroso-di-n-propyla...	8.540	70	565942	51.117	ng		99
20) 3+4-Methylphenols	8.522	107	866529	52.076	ng		96
22) Acetophenone	8.552	105	1116284	49.376	ng	#	99
24) Nitrobenzene	8.928	77	846103	52.108	ng		98
25) Isophorone	9.457	82	1583376	54.004	ng		99
26) 2-Nitrophenol	9.640	139	421858	49.844	ng		98
27) 2,4-Dimethylphenol	9.716	122	718975	60.201	ng		100
28) bis(2-Chloroethoxy)met...	9.934	93	954756	50.013	ng		99
29) 2,4-Dichlorophenol	10.187	162	728442	50.004	ng		99
30) 1,2,4-Trichlorobenzene	10.387	180	781820	46.323	ng		99
31) Naphthalene	10.569	128	2289102	48.653	ng		100
32) Benzoic acid	9.922	122	504262	54.005	ng		96
33) 4-Chloroaniline	10.693	127	545970	28.437	ng		99
34) Hexachlorobutadiene	10.857	225	486182	42.514	ng		100
35) Caprolactam	11.499	113	236795m	48.164	ng		
36) 4-Chloro-3-methylphenol	11.840	107	752583	48.077	ng		98
37) 2-Methylnaphthalene	12.187	142	1589164	48.139	ng		99
38) 1-Methylnaphthalene	12.404	142	1520649	47.285	ng		100
40) 1,2,4,5-Tetrachloroben...	12.563	216	864013	45.671	ng		99
41) Hexachlorocyclopentadiene	12.540	237	435870	55.395	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	593324	47.317	ng		99

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44) 2,4,5-Trichlorophenol	12.898	196	629248	46.211	ng	98
46) 1,1'-Biphenyl	13.204	154	2051652	48.233	ng	99
47) 2-Chloronaphthalene	13.246	162	1603201	47.872	ng	99
48) 2-Nitroaniline	13.463	65	485972	53.280	ng	100
49) Acenaphthylene	14.098	152	2658893	51.431	ng	99
50) Dimethylphthalate	13.845	163	1998257	46.251	ng	99
51) 2,6-Dinitrotoluene	13.963	165	446735	49.350	ng	97
52) Acenaphthene	14.440	154	1481274	47.965	ng	100
53) 3-Nitroaniline	14.298	138	309084	32.326	ng	95
54) 2,4-Dinitrophenol	14.522	184	456901	81.157	ng	95
55) Dibenzofuran	14.781	168	2393963	46.142	ng	99
56) 4-Nitrophenol	14.645	139	706277	99.096	ng	98
57) 2,4-Dinitrotoluene	14.763	165	610552	49.052	ng	94
58) Fluorene	15.434	166	1917849	47.002	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.022	232	538613	43.631	ng	96
60) Diethylphthalate	15.216	149	1999484	46.240	ng	100
61) 4-Chlorophenyl-phenyle...	15.428	204	991283	44.102	ng	97
62) 4-Nitroaniline	15.469	138	453226	45.135	ng	96
63) Azobenzene	15.722	77	1893028	50.325	ng	99
65) 4,6-Dinitro-2-methylph...	15.540	198	320180	42.579	ng	99
66) n-Nitrosodiphenylamine	15.645	169	1694152	48.955	ng	98
67) 4-Bromophenyl-phenylether	16.328	248	638815	44.642	ng	96
68) Hexachlorobenzene	16.451	284	716435	43.502	ng	99
69) Atrazine	16.616	200	640520	52.643	ng	99
70) Pentachlorophenol	16.804	266	812792	92.324	ng	98
71) Phenanthrene	17.186	178	3040379	48.569	ng	100
72) Anthracene	17.281	178	3084824	49.911	ng	99
73) Carbazole	17.557	167	2880274	47.651	ng	100
74) Di-n-butylphthalate	18.116	149	3456707	48.802	ng	100
75) Fluoranthene	19.175	202	3643620	48.078	ng	98
77) Benzidine	19.357	184	1014189	35.304	ng	99
78) Pyrene	19.528	202	3749493	48.550	ng	99
80) Butylbenzylphthalate	20.410	149	1582444	48.208	ng	99
81) Benzo(a)anthracene	21.251	228	3745294	48.640	ng	100
82) 3,3'-Dichlorobenzidine	21.180	252	1097379	36.892	ng	98
83) Chrysene	21.304	228	3448055	47.291	ng	99
84) Bis(2-ethylhexyl)phtha...	21.180	149	2270804	49.630	ng	100
85) Di-n-octyl phthalate	22.092	149	3952762	50.120	ng	99
87) Indeno(1,2,3-cd)pyrene	26.121	276	4388314	46.313	ng	97
88) Benzo(b)fluoranthene	22.921	252	3789512	50.827	ng	99
89) Benzo(k)fluoranthene	22.969	252	3789182	51.907	ng	99
90) Benzo(a)pyrene	23.539	252	3730892	58.487	ng	97
91) Dibenzo(a,h)anthracene	26.127	278	3845321	48.694	ng	98
92) Benzo(g,h,i)perylene	26.880	276	3792227	48.814	ng	97

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

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