Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040422\
Data File : BP009679.D
Acq On : 04 Apr 2022 15:18
Operator : CG/JU
Sample : N2229-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SOIL-DRUMMS

Manual Integrations APPROVED

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

Quant Time: Apr 04 23:24:50 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	239148	20.000	ng		-0.02
21) Naphthalene-d8	10.516	136	966258	20.000	ng		-0.02
39) Acenaphthene-d10	14.375	164	598307	20.000	ng		-0.02
64) Phenanthrene-d10	17.139	188	1227309	20.000	ng		-0.02
76) Chrysene-d12	21.263	240	1227789	20.000	ng		-0.01
86) Perylene-d12	23.639	264	1305974	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	1860806	135.851	ng		-0.01
7) Phenol-d6	6.922	99	2370190	127.954	ng		-0.01
23) Nitrobenzene-d5	8.887	82	1463769	80.502	ng		-0.01
42) 2,4,6-Tribromophenol	15.881	330	981111	99.372	ng		-0.01
45) 2-Fluorobiphenyl	12.993	172	3206161	74.287	ng		-0.02
79) Terphenyl-d14	19.727	244	4891431	71.507	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	251475	46.352	ng		99
3) Pyridine	3.652	79	730850	50.017	ng		99
4) n-Nitrosodimethylamine	3.564	42	323590	60.132	ng		92
6) Aniline	7.058	93	939476	44.500	ng		99
8) 2-Chlorophenol	7.299	128	839358	53.739	ng		98
9) Benzaldehyde	6.875	77	389215	44.885	ng		98
10) Phenol	6.952	94	1054411	56.738	ng		99
11) bis(2-Chloroethyl)ether	7.158	93	769491	52.320	ng		98
12) 1,3-Dichlorobenzene	7.616	146	877885	49.799	ng		99
13) 1,4-Dichlorobenzene	7.757	146	894890	49.650	ng		100
14) 1,2-Dichlorobenzene	8.075	146	857057	49.196	ng		99
15) Benzyl Alcohol	7.975	79	736042	49.837	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.257	45	885918	55.568	ng		98
17) 2-Methylphenol	8.193	107	684234	53.429	ng		99
18) Hexachloroethane	8.793	117	317234	50.222	ng		97
19) n-Nitroso-di-n-propyla...	8.540	70	593813	50.682	ng		99
20) 3+4-Methylphenols	8.516	107	925197	52.541	ng		97
22) Acetophenone	8.552	105	1171425	48.982	ng	#	98
24) Nitrobenzene	8.928	77	891704	51.913	ng		98
25) Isophorone	9.457	82	1668860	53.807	ng		99
26) 2-Nitrophenol	9.640	139	449742	50.232	ng		97
27) 2,4-Dimethylphenol	9.716	122	761198	60.251	ng		100
28) bis(2-Chloroethoxy)met...	9.940	93	1009045	49.966	ng		99
29) 2,4-Dichlorophenol	10.187	162	779537	50.585	ng		99
30) 1,2,4-Trichlorobenzene	10.387	180	819190	45.882	ng		99
31) Naphthalene	10.569	128	2404614	48.313	ng		100
32) Benzoic acid	9.922	122	534120	54.075	ng		95
33) 4-Chloroaniline	10.687	127	520712	25.638	ng		99
34) Hexachlorobutadiene	10.851	225	513073	42.412	ng		99
35) Caprolactam	11.498	113	250225m	48.112	ng		
36) 4-Chloro-3-methylphenol	11.840	107	804329	48.572	ng		99
37) 2-Methylnaphthalene	12.187	142	1671204	47.856	ng		99
38) 1-Methylnaphthalene	12.410	142	1608944	47.294	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	917726	46.230	ng		99
41) Hexachlorocyclopentadiene	12.540	237	498557	59.728	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	629132	47.814	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.898	196	668766	46.805	ng	98
46)	1,1'-Biphenyl	13.204	154	2156738	48.320	ng	99
47)	2-Chloronaphthalene	13.245	162	1683975	47.921	ng	100
48)	2-Nitroaniline	13.463	65	510871	53.378	ng	98
49)	Acenaphthylene	14.098	152	2803974	51.688	ng	99
50)	Dimethylphthalate	13.845	163	2107157	46.479	ng	100
51)	2,6-Dinitrotoluene	13.963	165	468936	49.368	ng	97
52)	Acenaphthene	14.439	154	1569147	48.423	ng	99
53)	3-Nitroaniline	14.298	138	307502	30.649	ng	98
54)	2,4-Dinitrophenol	14.522	184	483671	81.835	ng	98
55)	Dibenzofuran	14.781	168	2515549	46.207	ng	99
56)	4-Nitrophenol	14.645	139	756973	101.218	ng	99
57)	2,4-Dinitrotoluene	14.763	165	640318	49.026	ng	94
58)	Fluorene	15.434	166	2021751	47.220	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.022	232	568640	43.899	ng	96
60)	Diethylphthalate	15.216	149	2103704	46.364	ng	99
61)	4-Chlorophenyl-phenyle...	15.428	204	1043144	44.228	ng	97
62)	4-Nitroaniline	15.469	138	468803	44.493	ng	95
63)	Azobenzene	15.722	77	2001018	50.696	ng	99
65)	4,6-Dinitro-2-methylph...	15.539	198	336582	42.649	ng	97
66)	n-Nitrosodiphenylamine	15.645	169	1799909	49.558	ng	98
67)	4-Bromophenyl-phenylether	16.328	248	671630	44.721	ng	97
68)	Hexachlorobenzene	16.451	284	756567	43.772	ng	99
69)	Atrazine	16.616	200	672361	52.654	ng	98
70)	Pentachlorophenol	16.804	266	873653	94.557	ng	99
71)	Phenanthrene	17.186	178	3202215	48.741	ng	100
72)	Anthracene	17.281	178	3269903	50.411	ng	99
73)	Carbazole	17.557	167	3012691	47.491	ng	100
74)	Di-n-butylphthalate	18.116	149	3634917	48.898	ng	100
75)	Fluoranthene	19.169	202	3830493	48.160	ng	99
77)	Benzidine	19.357	184	570821	18.967	ng	99
78)	Pyrene	19.527	202	3922756	48.485	ng	99
80)	Butylbenzylphthalate	20.410	149	1674035	48.680	ng	98
81)	Benzo(a)anthracene	21.251	228	3949670	48.964	ng	99
82)	3,3'-Dichlorobenzidine	21.180	252	1111618	35.672	ng	99
83)	Chrysene	21.304	228	3617954	47.366	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.180	149	2392046	49.905	ng	100
85)	Di-n-octyl phthalate	22.092	149	4157810	50.325	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.121	276	4584903	46.274	ng	97
88)	Benzo(b)fluoranthene	22.916	252	3982216	51.078	ng	99
89)	Benzo(k)fluoranthene	22.968	252	3958693	51.860	ng	99
90)	Benzo(a)pyrene	23.533	252	3938799	59.049	ng	98
91)	Dibenzo(a,h)anthracene	26.127	278	4023980	48.730	ng	98
92)	Benzo(g,h,i)perylene	26.874	276	3975469	48.938	ng	97

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

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