Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
Data File : BP009384.D
Acq On : 14 Mar 2022 16:19
Operator : CG/JU
Sample : N1888-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

Quant Time: Mar 15 01:00:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	331292	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1206017	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	685925	20.000	ng	-0.01
64) Phenanthrene-d10	17.216	188	1354465	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1300958	20.000	ng	# 0.00
86) Perylene-d12	23.733	264	1620903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1880690	82.864	ng	0.01
7) Phenol-d6	7.010	99	2315483	80.281	ng	0.02
23) Nitrobenzene-d5	8.969	82	1456130	66.501	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	956996	115.543	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2778636	55.709	ng	-0.01
79) Terphenyl-d14	19.792	244	3385598	49.110	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	331036	34.265	ng	97
3) Pyridine	3.740	79	900396	43.728	ng	98
4) n-Nitrosodimethylamine	3.646	42	356173	41.476	ng	98
6) Aniline	7.146	93	815199	22.314	ng	97
8) 2-Chlorophenol	7.387	128	964553	41.489	ng	97
9) Benzaldehyde	6.957	77	550811m	29.974	ng	
10) Phenol	7.040	94	1208311	40.457	ng	98
11) bis(2-Chloroethyl)ether	7.240	93	879524	38.052	ng	97
12) 1,3-Dichlorobenzene	7.705	146	1092193	39.875	ng	98
13) 1,4-Dichlorobenzene	7.852	146	1110750	39.968	ng	99
14) 1,2-Dichlorobenzene	8.163	146	1052619	39.631	ng	99
15) Benzyl Alcohol	8.063	79	818203	40.226	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.352	45	950743	31.689	ng	95
17) 2-Methylphenol	8.281	107	758070	39.211	ng	99
18) Hexachloroethane	8.893	117	387336	40.046	ng	94
19) n-Nitroso-di-n-propyla...	8.622	70	653493	37.568	ng	97
20) 3+4-Methylphenols	8.604	107	1010595	39.005	ng	98
22) Acetophenone	8.634	105	1326305	41.140	ng	99
24) Nitrobenzene	9.010	77	989153	42.626	ng	97
25) Isophorone	9.540	82	1777505	43.399	ng	98
26) 2-Nitrophenol	9.722	139	500947	55.726	ng	97
27) 2,4-Dimethylphenol	9.804	122	822010	41.575	ng	99
28) bis(2-Chloroethoxy)met...	10.022	93	1081823	40.362	ng	98
29) 2,4-Dichlorophenol	10.269	162	851642	44.660	ng	98
30) 1,2,4-Trichlorobenzene	10.475	180	980596	43.935	ng	100
31) Naphthalene	10.657	128	2757628	41.289	ng	100
32) Benzoic acid	9.975	122	585527	58.309	ng	96
33) 4-Chloroaniline	10.775	127	251089	9.195	ng	99
34) Hexachlorobutadiene	10.951	225	643478	47.342	ng	99
35) Caprolactam	11.569	113	255420	45.505	ng	90
36) 4-Chloro-3-methylphenol	11.928	107	857764	43.090	ng	99
37) 2-Methylnaphthalene	12.275	142	1849331	38.972	ng	99
38) 1-Methylnaphthalene	12.492	142	1772356	40.555	ng	99
40) 1,2,4,5-Tetrachloroben...	12.645	216	1072136	46.382	ng	99
41) Hexachlorocyclopentadiene	12.628	237	1191214	81.365	ng	99
43) 2,4,6-Trichlorophenol	12.892	196	689479	49.677	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	734652	48.257	ng		97
46) 1,1'-Biphenyl	13.287	154	2374949	42.408	ng		99
47) 2-Chloronaphthalene	13.328	162	1856320	43.762	ng		99
48) 2-Nitroaniline	13.534	65	496615	50.918	ng		94
49) Acenaphthylene	14.175	152	2954619	45.080	ng		100
50) Dimethylphthalate	13.916	163	2186052	43.210	ng		99
51) 2,6-Dinitrotoluene	14.028	165	489429	48.989	ng		97
52) Acenaphthene	14.522	154	2000198m	47.618	ng		
53) 3-Nitroaniline	14.363	138	326610	30.776	ng		96
54) 2,4-Dinitrophenol	14.569	184	554629	129.650	ng		95
55) Dibenzofuran	14.857	168	2689411	42.266	ng		100
56) 4-Nitrophenol	14.704	139	839321	95.100	ng		97
57) 2,4-Dinitrotoluene	14.822	165	657870	51.428	ng		94
58) Fluorene	15.510	166	2106019	42.265	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.092	232	620838	48.433	ng		94
60) Diethylphthalate	15.286	149	2161908	43.891	ng		100
61) 4-Chlorophenyl-phenyle...	15.504	204	1120517	44.147	ng		97
62) 4-Nitroaniline	15.534	138	457271	44.434	ng		99
63) Azobenzene	15.798	77	1929774	39.878	ng		96
65) 4,6-Dinitro-2-methylph...	15.592	198	357834	60.063	ng		94
66) n-Nitrosodiphenylamine	15.722	169	1840784	43.295	ng		98
67) 4-Bromophenyl-phenylether	16.404	248	729539	49.923	ng		95
68) Hexachlorobenzene	16.522	284	835043	48.719	ng		96
69) Atrazine	16.686	200	669589	44.738	ng		99
70) Pentachlorophenol	16.875	266	999250	96.862	ng		99
71) Phenanthrene	17.257	178	3315335	42.591	ng		99
72) Anthracene	17.351	178	3237230	41.781	ng		100
73) Carbazole	17.628	167	2927799	41.471	ng		99
74) Di-n-butylphthalate	18.186	149	3625293	46.395	ng		99
75) Fluoranthene	19.233	202	3873155	43.108	ng		98
77) Benzidine	19.416	184	583224	12.844	ng		99
78) Pyrene	19.592	202	3960220	45.086	ng		99
80) Butylbenzylphthalate	20.474	149	1550725	48.912	ng		94
81) Benzo(a)anthracene	21.310	228	3878142	43.981	ng		100
82) 3,3'-Dichlorobenzidine	21.245	252	1153347	35.632	ng		96
83) Chrysene	21.363	228	3636900	42.481	ng		100
84) Bis(2-ethylhexyl)phtha...	21.245	149	2197055	43.329	ng		99
85) Di-n-octyl phthalate	22.174	149	3832368	46.163	ng		97
87) Indeno(1,2,3-cd)pyrene	26.245	276	5817665	46.195	ng		95
88) Benzo(b)fluoranthene	23.004	252	4645327	42.446	ng		98
89) Benzo(k)fluoranthene	23.051	252	4104278m	39.255	ng		
90) Benzo(a)pyrene	23.627	252	4472159	43.085	ng		98
91) Dibenzo(a,h)anthracene	26.262	278	5044759	47.242	ng	#	97
92) Benzo(g,h,i)perylene	27.015	276	5136004	48.685	ng	#	95

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

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