Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031723\
Data File : BP014124.D
Acq On : 17 Mar 2023 17:00
Operator : CG/JU
Sample : 01944-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

Quant Time: Mar 18 00:25:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 00:19:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	123061	20.000	ng	0.00
21) Naphthalene-d8	10.887	136	444011	20.000	ng	0.00
39) Acenaphthene-d10	14.704	164	257183	20.000	ng	0.00
64) Phenanthrene-d10	17.463	188	547431	20.000	ng	0.00
76) Chrysene-d12	21.551	240	611460	20.000	ng	0.00
86) Perylene-d12	24.086	264	809830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	773125	101.885	ng	0.00
7) Phenol-d6	7.222	99	989509	99.321	ng	0.00
23) Nitrobenzene-d5	9.240	82	650001	66.910	ng	0.00
42) 2,4,6-Tribromophenol	16.198	330	428560	102.776	ng	0.00
45) 2-Fluorobiphenyl	13.328	172	1294133	65.193	ng	0.00
79) Terphenyl-d14	20.004	244	1991583	53.708	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	130729	39.657	ng	96
3) Pyridine	3.875	79	335489	36.646	ng	99
4) n-Nitrosodimethylamine	3.781	42	168783	41.535	ng	98
6) Aniline	7.387	93	430950	32.930	ng	99
8) 2-Chlorophenol	7.622	128	364810	44.887	ng	97
9) Benzaldehyde	7.199	77	319538m	64.093	ng	
10) Phenol	7.252	94	463962	44.746	ng	99
11) bis(2-Chloroethyl)ether	7.481	93	363541	44.281	ng	98
12) 1,3-Dichlorobenzene	7.952	146	426028	47.702	ng	99
13) 1,4-Dichlorobenzene	8.099	146	433293	47.956	ng	99
14) 1,2-Dichlorobenzene	8.416	146	409171	47.282	ng	100
15) Benzyl Alcohol	8.310	79	353469m	43.516	ng	
16) 2,2'-oxybis(1-Chloropr...	8.587	45	425569m	47.613	ng	
17) 2-Methylphenol	8.510	107	306260	41.415	ng	98
18) Hexachloroethane	9.152	117	166196	48.965	ng	98
19) n-Nitroso-di-n-propyla...	8.875	70	281857	42.982	ng	97
20) 3+4-Methylphenols	8.840	107	404769	40.643	ng	99
22) Acetophenone	8.893	105	565777	45.428	ng	99
24) Nitrobenzene	9.281	77	432630	43.525	ng	99
25) Isophorone	9.805	82	740611	41.375	ng	98
26) 2-Nitrophenol	9.993	139	194909	45.081	ng	98
27) 2,4-Dimethylphenol	10.052	122	312709	44.482	ng	98
28) bis(2-Chloroethoxy)met...	10.287	93	447218	43.167	ng	99
29) 2,4-Dichlorophenol	10.534	162	335774	43.633	ng	99
30) 1,2,4-Trichlorobenzene	10.746	180	396882	45.427	ng	99
31) Naphthalene	10.940	128	1068144	43.780	ng	99
32) Benzoic acid	10.193	122	222751	38.784	ng	92
33) 4-Chloroaniline	11.057	127	125943	12.042	ng	98
34) Hexachlorobutadiene	11.216	225	280440	44.150	ng	98
35) Caprolactam	11.851	113	97351	44.195	ng	95
36) 4-Chloro-3-methylphenol	12.169	107	361817	42.157	ng	97
37) 2-Methylnaphthalene	12.540	142	721061	40.060	ng	99
38) 1-Methylnaphthalene	12.757	142	671288	40.009	ng	99
40) 1,2,4,5-Tetrachloroben...	12.904	216	456889	46.607	ng	99
41) Hexachlorocyclopentadiene	12.875	237	596700	96.990	ng	100
43) 2,4,6-Trichlorophenol	13.146	196	275037	44.386	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.216	196	294303	40.987	ng		99
46) 1,1'-Biphenyl	13.540	154	949916	45.887	ng		99
47) 2-Chloronaphthalene	13.587	162	738589	46.347	ng		99
48) 2-Nitroaniline	13.793	65	225123	46.548	ng		99
49) Acenaphthylene	14.428	152	1110285	43.810	ng		100
50) Dimethylphthalate	14.157	163	890089	41.951	ng		100
51) 2,6-Dinitrotoluene	14.281	165	195178	43.683	ng		98
52) Acenaphthene	14.769	154	673885	44.173	ng		99
53) 3-Nitroaniline	14.616	138	135156	30.866	ng		93
54) 2,4-Dinitrophenol	14.822	184	258559	78.121	ng		96
55) Dibenzofuran	15.104	168	1085743	43.655	ng		98
56) 4-Nitrophenol	14.928	139	338097	94.819	ng		89
57) 2,4-Dinitrotoluene	15.069	165	265969	44.531	ng	#	97
58) Fluorene	15.757	166	860091	43.553	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.334	232	272356	43.479	ng		98
60) Diethylphthalate	15.516	149	886335	42.310	ng		99
61) 4-Chlorophenyl-phenyle...	15.745	204	463404	41.394	ng		100
62) 4-Nitroaniline	15.781	138	193736	44.434	ng		94
63) Azobenzene	16.039	77	938583	48.419	ng		97
65) 4,6-Dinitro-2-methylph...	15.834	198	167769	41.376	ng		99
66) n-Nitrosodiphenylamine	15.963	169	736940	42.602	ng		99
67) 4-Bromophenyl-phenylether	16.645	248	298406	41.210	ng		98
68) Hexachlorobenzene	16.763	284	349232	44.995	ng		98
69) Atrazine	16.916	200	285774	47.054	ng		99
70) Pentachlorophenol	17.110	266	464015	82.894	ng		99
71) Phenanthrene	17.504	178	1398554	45.731	ng		99
72) Anthracene	17.598	178	1370766	43.867	ng		99
73) Carbazole	17.869	167	1244718	46.178	ng		99
74) Di-n-butylphthalate	18.398	149	1501535	44.554	ng		99
75) Fluoranthene	19.463	202	1764909	48.283	ng		99
77) Benzidine	19.645	184	764794	61.921	ng		100
78) Pyrene	19.816	202	1811704	38.603	ng		100
80) Butylbenzylphthalate	20.675	149	727379	40.881	ng		97
81) Benzo(a)anthracene	21.533	228	1953405	43.540	ng		100
82) 3,3'-Dichlorobenzidine	21.457	252	596184	41.529	ng		99
83) Chrysene	21.586	228	1852992	43.613	ng		99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1074856	41.179	ng		99
85) Di-n-octyl phthalate	22.398	149	1991324	46.997	ng		99
87) Indeno(1,2,3-cd)pyrene	26.762	276	2935530	46.914	ng		100
88) Benzo(b)fluoranthene	23.304	252	2355155	44.413	ng		99
89) Benzo(k)fluoranthene	23.357	252	2221943	42.261	ng		99
90) Benzo(a)pyrene	23.974	252	2084208	41.206	ng		100
91) Dibenzo(a,h)anthracene	26.780	278	2443387	46.970	ng		99
92) Benzo(g,h,i)perylene	27.592	276	2391093	46.381	ng		99

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

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