Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
Data File : BP013932.D
Acq On : 02 Mar 2023 20:48
Operator : CG/JU
Sample : 01749-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CF-3MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023

Quant Time: Mar 03 02:40:55 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 02 04:26:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.093	152	110781	20.000	ng		0.00
21) Naphthalene-d8	10.922	136	421538	20.000	ng		0.00
39) Acenaphthene-d10	14.734	164	268229	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	604059	20.000	ng		0.00
76) Chrysene-d12	21.563	240	638840	20.000	ng		0.00
86) Perylene-d12	24.110	264	771764	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	717916	106.806	ng		0.00
7) Phenol-d6	7.246	99	922925	107.209	ng		0.00
23) Nitrobenzene-d5	9.269	82	578980	74.169	ng		0.00
42) 2,4,6-Tribromophenol	16.222	330	431934	110.624	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	1308609	64.080	ng		0.00
79) Terphenyl-d14	20.016	244	2323726	69.984	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.481	88	112623	38.549	ng		97
3) Pyridine	3.893	79	305161	38.746	ng		97
4) n-Nitrosodimethylamine	3.799	42	155737	52.764	ng		83
6) Aniline	7.410	93	363801	32.524	ng		96
8) 2-Chlorophenol	7.652	128	341172	48.120	ng		98
9) Benzaldehyde	7.222	77	166272m	40.597	ng		
10) Phenol	7.275	94	442010	49.328	ng		88
11) bis(2-Chloroethyl)ether	7.505	93	323635	45.130	ng		96
12) 1,3-Dichlorobenzene	7.981	146	375063	47.046	ng		97
13) 1,4-Dichlorobenzene	8.128	146	381797	47.411	ng		96
14) 1,2-Dichlorobenzene	8.452	146	364264	48.457	ng		99
15) Benzyl Alcohol	8.334	79	325714m	53.927	ng		
16) 2,2'-oxybis(1-Chloropr...	8.622	45	349723m	45.655	ng		
17) 2-Methylphenol	8.540	107	289719	47.513	ng		94
18) Hexachloroethane	9.181	117	142288	50.442	ng		99
19) n-Nitroso-di-n-propyla...	8.905	70	256013	50.812	ng		96
20) 3+4-Methylphenols	8.863	107	387275	47.188	ng		96
22) Acetophenone	8.928	105	510732	48.036	ng	#	97
24) Nitrobenzene	9.310	77	398564	48.926	ng		98
25) Isophorone	9.840	82	693475	46.099	ng		98
26) 2-Nitrophenol	10.022	139	180622	47.107	ng	#	89
27) 2,4-Dimethylphenol	10.081	122	307234	48.835	ng		96
28) bis(2-Chloroethoxy)met...	10.316	93	414073	43.119	ng		100
29) 2,4-Dichlorophenol	10.563	162	340763	50.485	ng		98
30) 1,2,4-Trichlorobenzene	10.781	180	365823	46.186	ng		99
31) Naphthalene	10.969	128	999761	43.258	ng		99
32) Benzoic acid	10.222	122	213901	43.635	ng		92
33) 4-Chloroaniline	11.081	127	182819	18.838	ng		96
34) Hexachlorobutadiene	11.251	225	253911	48.240	ng		100
35) Caprolactam	11.869	113	95334	44.238	ng		96
36) 4-Chloro-3-methylphenol	12.193	107	366923	48.785	ng		94
37) 2-Methylnaphthalene	12.569	142	708733	42.364	ng		98
38) 1-Methylnaphthalene	12.787	142	656870	41.953	ng		100
40) 1,2,4,5-Tetrachloroben...	12.934	216	443184	45.814	ng		98
41) Hexachlorocyclopentadiene	12.910	237	474988	92.441	ng		97
43) 2,4,6-Trichlorophenol	13.169	196	285580	47.192	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.240	196	311967	43.376	ng		97
46) 1,1'-Biphenyl	13.569	154	981299	45.263	ng		99
47) 2-Chloronaphthalene	13.610	162	779008	47.164	ng		98
48) 2-Nitroaniline	13.816	65	222735	47.514	ng		95
49) Acenaphthylene	14.457	152	1144768	43.969	ng		99
50) Dimethylphthalate	14.181	163	922808	42.279	ng		99
51) 2,6-Dinitrotoluene	14.304	165	204813	43.131	ng		93
52) Acenaphthene	14.798	154	681430	43.010	ng		99
53) 3-Nitroaniline	14.640	138	139808	28.985	ng		97
54) 2,4-Dinitrophenol	14.839	184	217886	70.142	ng		89
55) Dibenzofuran	15.128	168	1119978	42.485	ng		96
56) 4-Nitrophenol	14.940	139	349419	89.560	ng	#	78
57) 2,4-Dinitrotoluene	15.092	165	283508	44.331	ng		92
58) Fluorene	15.781	166	901054	43.592	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.351	232	293305	47.371	ng		98
60) Diethylphthalate	15.539	149	923884	43.408	ng		99
61) 4-Chlorophenyl-phenyle...	15.769	204	487710	43.547	ng		98
62) 4-Nitroaniline	15.804	138	192574	38.245	ng	#	81
63) Azobenzene	16.063	77	881028	45.753	ng		96
65) 4,6-Dinitro-2-methylph...	15.857	198	155402	37.588	ng		96
66) n-Nitrosodiphenylamine	15.986	169	786427	42.982	ng		100
67) 4-Bromophenyl-phenylether	16.669	248	319945	44.874	ng		98
68) Hexachlorobenzene	16.786	284	371283	47.705	ng		99
69) Atrazine	16.934	200	312556	50.103	ng		98
70) Pentachlorophenol	17.134	266	505779	88.145	ng		99
71) Phenanthrene	17.528	178	1468132	43.384	ng		100
72) Anthracene	17.622	178	1493956	44.151	ng		100
73) Carbazole	17.886	167	1357919	44.577	ng		99
74) Di-n-butylphthalate	18.416	149	1607247	45.032	ng		99
75) Fluoranthene	19.480	202	1859931	44.089	ng		98
77) Benzidine	19.657	184	1159744	86.890	ng		100
78) Pyrene	19.833	202	1941162	44.465	ng		100
80) Butylbenzylphthalate	20.686	149	771781	49.740	ng		99
81) Benzo(a)anthracene	21.545	228	2031961	44.418	ng		100
82) 3,3'-Dichlorobenzidine	21.469	252	607567	42.214	ng		99
83) Chrysene	21.604	228	1899117	42.853	ng		99
84) Bis(2-ethylhexyl)phtha...	21.439	149	1122496	46.401	ng		100
85) Di-n-octyl phthalate	22.416	149	1961942	45.514	ng		98
87) Indeno(1,2,3-cd)pyrene	26.804	276	2716316	45.244	ng	#	95
88) Benzo(b)fluoranthene	23.327	252	2206602	45.208	ng		99
89) Benzo(k)fluoranthene	23.380	252	2192599	44.254	ng		98
90) Benzo(a)pyrene	23.998	252	1973131	41.814	ng		98
91) Dibenzo(a,h)anthracene	26.815	278	2234265	44.418	ng		97
92) Benzo(g,h,i)perylene	27.633	276	2218895	44.611	ng		95

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

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