Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021723\
Data File : BP013850.D
Acq On : 17 Feb 2023 17:58
Operator : CG/JU
Sample : 01581-04MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-CMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2023
Supervised By :Jagrut Upadhyay 02/20/2023

Quant Time: Feb 17 22:05:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 18:05:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	132003	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	492648	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	311612	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	713351	20.000	ng	0.00
76) Chrysene-d12	21.580	240	825060	20.000	ng	0.00
86) Perylene-d12	24.133	264	929001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.646	112	855061	106.758	ng	0.00
7) Phenol-d6	7.258	99	1103611	107.587	ng	0.00
23) Nitrobenzene-d5	9.281	82	665432	72.939	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	466337	102.807	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	1585624	66.835	ng	0.00
79) Terphenyl-d14	20.033	244	2941781	68.601	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.493	88	148325	42.607	ng	100
3) Pyridine	3.911	79	406752	43.342	ng	97
4) n-Nitrosodimethylamine	3.817	42	172258	48.979	ng	97
6) Aniline	7.428	93	486761	36.521	ng	99
8) 2-Chlorophenol	7.669	128	410556	48.596	ng	99
9) Benzaldehyde	7.240	77	232713	47.685	ng	97
10) Phenol	7.287	94	530562	49.691	ng	96
11) bis(2-Chloroethyl)ether	7.522	93	399290	46.728	ng	97
12) 1,3-Dichlorobenzene	7.999	146	469852	49.461	ng	99
13) 1,4-Dichlorobenzene	8.146	146	479236	49.943	ng	97
14) 1,2-Dichlorobenzene	8.463	146	452330	50.498	ng	99
15) Benzyl Alcohol	8.346	79	368577m	51.213	ng	
16) 2,2'-oxybis(1-Chloropr...	8.640	45	452252m	49.548	ng	
17) 2-Methylphenol	8.552	107	346545	47.695	ng	97
18) Hexachloroethane	9.199	117	170341	50.678	ng	99
19) n-Nitroso-di-n-propyla...	8.922	70	306600	51.069	ng	98
20) 3+4-Methylphenols	8.875	107	478590	48.940	ng	99
22) Acetophenone	8.940	105	633357	50.970	ng	99
24) Nitrobenzene	9.322	77	450093	47.276	ng	100
25) Isophorone	9.852	82	822365	46.776	ng	99
26) 2-Nitrophenol	10.040	139	208904	46.648	ng	99
27) 2,4-Dimethylphenol	10.093	122	375107	51.018	ng	99
28) bis(2-Chloroethoxy)met...	10.334	93	526849	46.944	ng	100
29) 2,4-Dichlorophenol	10.575	162	401123	50.849	ng	99
30) 1,2,4-Trichlorobenzene	10.793	180	451790	48.807	ng	99
31) Naphthalene	10.987	128	1237278	45.808	ng	99
32) Benzoic acid	10.216	122	250438	43.705	ng	99
33) 4-Chloroaniline	11.093	127	252430	22.257	ng	98
34) Hexachlorobutadiene	11.269	225	296272	48.163	ng	98
35) Caprolactam	11.881	113	121654	48.303	ng	98
36) 4-Chloro-3-methylphenol	12.204	107	425876	48.450	ng	99
37) 2-Methylnaphthalene	12.581	142	889770	45.508	ng	99
38) 1-Methylnaphthalene	12.798	142	832893	45.516	ng	100
40) 1,2,4,5-Tetrachloroben...	12.946	216	542185	48.246	ng	99
41) Hexachlorocyclopentadiene	12.922	237	684942	114.743	ng	99
43) 2,4,6-Trichlorophenol	13.181	196	339905	48.350	ng	98

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44) 2,4,5-Trichlorophenol	13.251	196	361423	43.256	ng	98
46) 1,1'-Biphenyl	13.581	154	1194066	47.410	ng	99
47) 2-Chloronaphthalene	13.628	162	939098	48.941	ng	99
48) 2-Nitroaniline	13.828	65	248411	45.743	ng	97
49) Acenaphthylene	14.469	152	1350048	44.634	ng	100
50) Dimethylphthalate	14.198	163	1103404	43.515	ng	100
51) 2,6-Dinitrotoluene	14.316	165	232824	42.247	ng	99
52) Acenaphthene	14.810	154	852898	46.338	ng	99
53) 3-Nitroaniline	14.645	138	151517	27.174	ng	99
54) 2,4-Dinitrophenol	14.851	184	289969	79.586	ng	98
55) Dibenzofuran	15.145	168	1295782	42.311	ng	100
56) 4-Nitrophenol	14.945	139	474431	104.672	ng	97
57) 2,4-Dinitrotoluene	15.104	165	323382	43.568	ng	98
58) Fluorene	15.792	166	1014131	42.232	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.369	232	318773	44.317	ng	99
60) Diethylphthalate	15.557	149	1177427	47.619	ng	100
61) 4-Chlorophenyl-phenyle...	15.781	204	541285	41.602	ng	100
62) 4-Nitroaniline	15.810	138	230822	39.378	ng	92
63) Azobenzene	16.075	77	994960	44.476	ng	99
65) 4,6-Dinitro-2-methylph...	15.863	198	188736	38.525	ng	97
66) n-Nitrosodiphenylamine	15.998	169	900209	41.662	ng	99
67) 4-Bromophenyl-phenylether	16.681	248	352161	41.825	ng	99
68) Hexachlorobenzene	16.798	284	407287	44.314	ng	98
69) Atrazine	16.945	200	382260	51.889	ng	99
70) Pentachlorophenol	17.145	266	607351	89.630	ng	99
71) Phenanthrene	17.545	178	1821335	45.575	ng	99
72) Anthracene	17.634	178	1854613	46.413	ng	99
73) Carbazole	17.898	167	1819921	50.590	ng	99
74) Di-n-butylphthalate	18.428	149	2197622	52.140	ng	99
75) Fluoranthene	19.492	202	2502678	50.236	ng	100
77) Benzidine	19.669	184	1567315	90.817	ng	100
78) Pyrene	19.845	202	2622371	46.511	ng	100
80) Butylbenzylphthalate	20.698	149	990859	49.446	ng	99
81) Benzo(a)anthracene	21.563	228	2755471	46.638	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	582492	31.337	ng	98
83) Chrysene	21.616	228	2565836	44.829	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	1545394	49.464	ng	99
85) Di-n-octyl phthalate	22.433	149	2700085	48.500	ng	100
87) Indeno(1,2,3-cd)pyrene	26.833	276	3457032	47.836	ng	99
88) Benzo(b)fluoranthene	23.351	252	2916816	49.644	ng	99
89) Benzo(k)fluoranthene	23.398	252	2855538	47.879	ng	99
90) Benzo(a)pyrene	24.021	252	2557467	45.024	ng	100
91) Dibenzo(a,h)anthracene	26.851	278	2864952	47.316	ng	99
92) Benzo(g,h,i)perylene	27.668	276	2852936	47.650	ng	99

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

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