Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
Data File : BG059957.D
Acq On : 5 Dec 2023 20:09
Operator : MA/JU
Sample : 05323-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/06/2023
Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 22:41:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 05 02:26:15 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.961	152	98155	20.000	ng	#	0.00
21) Naphthalene-d8	10.764	136	336976	20.000	ng	#	0.00
39) Acenaphthene-d10	14.600	164	348094	20.000	ng		0.00
64) Phenanthrene-d10	17.350	188	1169800	20.000	ng		0.00
76) Chrysene-d12	21.622	240	1691781	20.000	ng		0.00
86) Perylene-d12	24.818	264	1880556	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.529	112	722453	147.886	ng		0.00
7) Phenol-d6	7.115	99	872019	113.254	ng		0.00
23) Nitrobenzene-d5	9.125	82	777413	82.469	ng		0.00
42) 2,4,6-Tribromophenol	16.087	330	1414152	126.268	ng		0.00
45) 2-Fluorobiphenyl	13.226	172	2647401	82.951	ng		0.00
79) Terphenyl-d14	19.971	244	6059205	61.742	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	89458	54.162	ng	#	63
3) Pyridine	3.842	79	197969	40.163	ng		95
4) n-Nitrosodimethylamine	3.748	42	142973	55.175	ng	#	94
6) Aniline	7.285	93	139623	16.430	ng		98
8) 2-Chlorophenol	7.526	128	227706	47.785	ng		96
9) Benzaldehyde	7.103	77	17329m	3.030	ng		
10) Phenol	7.144	94	315547	40.971	ng		94
11) bis(2-Chloroethyl)ether	7.380	93	227826	42.508	ng		90
12) 1,3-Dichlorobenzene	7.850	146	287816	41.967	ng		97
13) 1,4-Dichlorobenzene	7.996	146	291858m	41.110	ng		
14) 1,2-Dichlorobenzene	8.314	146	288587	41.464	ng		98
15) Benzyl Alcohol	8.196	79	343294	45.117	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.490	45	120205m	42.705	ng		
17) 2-Methylphenol	8.396	107	230696	44.452	ng		93
18) Hexachloroethane	9.042	117	106737	38.749	ng		93
19) n-Nitroso-di-n-propyla...	8.766	70	244955	42.451	ng		97
20) 3+4-Methylphenols	8.725	107	310931	42.221	ng		90
22) Acetophenone	8.784	105	473819	44.002	ng	#	95
24) Nitrobenzene	9.166	77	393589	41.726	ng		93
25) Isophorone	9.689	82	678017	41.834	ng	#	93
26) 2-Nitrophenol	9.871	139	145733	48.583	ng		96
27) 2,4-Dimethylphenol	9.929	122	221557	53.809	ng		91
28) bis(2-Chloroethoxy)met...	10.170	93	331684	43.560	ng		94
29) 2,4-Dichlorophenol	10.405	162	402339	49.076	ng		91
30) 1,2,4-Trichlorobenzene	10.623	180	521377	43.612	ng		93
31) Naphthalene	10.817	128	774436	44.709	ng		96
32) Benzoic acid	10.059	122	164704m	41.949	ng		
33) 4-Chloroaniline	10.917	127	31400	4.648	ng		94
34) Hexachlorobutadiene	11.105	225	543812	40.572	ng		97
35) Caprolactam	11.698	113	66111m	38.342	ng		
36) 4-Chloro-3-methylphenol	12.039	107	337763	50.030	ng		99
37) 2-Methylnaphthalene	12.421	142	665730	45.280	ng		97
38) 1-Methylnaphthalene	12.644	142	646946	45.057	ng	#	94
40) 1,2,4,5-Tetrachloroben...	12.791	216	1103997	44.427	ng		98
41) Hexachlorocyclopentadiene	12.773	237	1154035	91.652	ng		93
43) 2,4,6-Trichlorophenol	13.026	196	588895	46.280	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.096	196	649836	46.442	ng	#	94
46) 1,1'-Biphenyl	13.431	154	1175396	46.205	ng		98
47) 2-Chloronaphthalene	13.472	162	1016110	44.644	ng		95
48) 2-Nitroaniline	13.672	65	211676	49.065	ng		93
49) Acenaphthylene	14.324	152	1458361	47.876	ng		97
50) Dimethylphthalate	14.054	163	1339919	45.218	ng		100
51) 2,6-Dinitrotoluene	14.172	165	280895	43.266	ng		97
52) Acenaphthene	14.665	154	1149635m	52.291	ng		
53) 3-Nitroaniline	14.495	138	89987	22.342	ng		96
54) 2,4-Dinitrophenol	14.700	184	525734	92.843	ng		95
55) Dibenzofuran	15.000	168	1703869	45.947	ng		97
56) 4-Nitrophenol	14.800	139	286413	81.940	ng	#	88
57) 2,4-Dinitrotoluene	14.959	165	408963	45.292	ng	#	91
58) Fluorene	15.646	166	1458718	46.224	ng	#	98
59) 2,3,4,6-Tetrachlorophenol	15.217	232	786058	47.223	ng		99
60) Diethylphthalate	15.423	149	1199269	45.439	ng		99
61) 4-Chlorophenyl-phenyle...	15.640	204	1259045	43.981	ng		98
62) 4-Nitroaniline	15.664	138	191030	41.206	ng		96
63) Azobenzene	15.934	77	1100762	40.203	ng		94
65) 4,6-Dinitro-2-methylph...	15.717	198	382667	42.786	ng		96
66) n-Nitrosodiphenylamine	15.858	169	1316395	49.127	ng		98
67) 4-Bromophenyl-phenylether	16.539	248	919154	45.862	ng		98
68) Hexachlorobenzene	16.651	284	1049354	47.123	ng		99
69) Atrazine	16.804	200	743133	56.206	ng		98
70) Pentachlorophenol	16.992	266	1415978	87.750	ng		95
71) Phenanthrene	17.391	178	2592005	46.925	ng		98
72) Anthracene	17.479	178	2614980	46.315	ng		99
73) Carbazole	17.750	167	1961750	45.715	ng		97
74) Di-n-butylphthalate	18.320	149	1788582	48.188	ng		99
75) Fluoranthene	19.407	202	3774232	41.576	ng		99
77) Benzidine	19.583	184	118440	8.307	ng		96
78) Pyrene	19.765	202	3894527	43.257	ng		92
80) Butylbenzylphthalate	20.664	149	654494	51.245	ng		93
81) Benzo(a)anthracene	21.604	228	4934892	43.719	ng		95
82) 3,3'-Dichlorobenzidine	21.522	252	1013512	27.339	ng		99
83) Chrysene	21.669	228	4582402	43.300	ng		92
84) Bis(2-ethylhexyl)phtha...	21.522	149	1006871	51.521	ng		98
85) Di-n-octyl phthalate	22.732	149	1793758	53.111	ng		99
87) Indeno(1,2,3-cd)pyrene	28.467	276	6873071	49.494	ng	#	99
88) Benzo(b)fluoranthene	23.807	252	5510825	47.410	ng		98
89) Benzo(k)fluoranthene	23.872	252	5281280	46.628	ng		96
90) Benzo(a)pyrene	24.671	252	4869628	46.909	ng		96
91) Dibenzo(a,h)anthracene	28.537	278	5853304	49.645	ng		99
92) Benzo(g,h,i)perylene	29.606	276	5093921	44.672	ng		99

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

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