Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
Data File : BG062668.D
Acq On : 5 Sep 2024 15:50
Operator : MA/JU
Sample : P2403-09
Misc : MDL-WATER-8 ng
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 05 16:32:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay

09/06/2024

Supervised By :mohammad ahmed

09/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.920	152	47785	20.000	ng		0.00
21) Naphthalene-d8	10.711	136	191088	20.000	ng		0.00
39) Acenaphthene-d10	14.542	164	152424	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	431067	20.000	ng		0.00
76) Chrysene-d12	21.534	240	523835	20.000	ng		0.00
86) Perylene-d12	24.601	264	585980	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.500	112	374568	135.493	ng		0.00
7) Phenol-d6	7.086	99	511539	128.087	ng		0.00
23) Nitrobenzene-d5	9.072	82	350949	98.912	ng		0.00
42) 2,4,6-Tribromophenol	16.035	330	326573	152.242	ng		0.00
45) 2-Fluorobiphenyl	13.167	172	882466	93.778	ng		0.00
79) Terphenyl-d14	19.906	244	2133088	80.742	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.408	88	11100	9.638	ng		93
3) Pyridine	3.808	79	28505	8.591	ng		95
4) n-Nitrosodimethylamine	3.720	42	15253	9.455	ng	#	89
6) Aniline	7.245	93	36569	9.801	ng		97
8) 2-Chlorophenol	7.486	128	27242	9.179	ng		96
9) Benzaldehyde	7.057	77	26378	11.355	ng		100
10) Phenol	7.110	94	33640	8.321	ng		93
11) bis(2-Chloroethyl)ether	7.345	93	27129	8.764	ng		90
12) 1,3-Dichlorobenzene	7.815	146	29965	9.200	ng		99
13) 1,4-Dichlorobenzene	7.956	146	29714	8.865	ng		94
14) 1,2-Dichlorobenzene	8.273	146	28747	8.725	ng		94
15) Benzyl Alcohol	8.156	79	22560	7.635	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.438	45	47413	8.037	ng		98
17) 2-Methylphenol	8.355	107	22307	7.915	ng		92
18) Hexachloroethane	9.002	117	9993	7.951	ng	#	74
19) n-Nitroso-di-n-propyla...	8.720	70	22578	7.175	ng		100
20) 3+4-Methylphenols	8.684	107	29317	7.051	ng		98
22) Acetophenone	8.737	105	44341	8.602	ng	#	94
24) Nitrobenzene	9.113	77	34852	9.238	ng		93
25) Isophorone	9.636	82	60417	7.757	ng	#	96
26) 2-Nitrophenol	9.830	139	12398	8.698	ng		88
27) 2,4-Dimethylphenol	9.889	122	15352	7.350	ng		100
28) bis(2-Chloroethoxy)met...	10.124	93	35754	8.575	ng		95
29) 2,4-Dichlorophenol	10.359	162	24315	8.326	ng		95
30) 1,2,4-Trichlorobenzene	10.576	180	31149	8.998	ng		94
31) Naphthalene	10.764	128	83938	8.862	ng		98
32) Benzoic acid	9.953	122	11070m	4.928	ng		
33) 4-Chloroaniline	10.870	127	32663	8.763	ng	#	95
34) Hexachlorobutadiene	11.052	225	21800	9.016	ng		96
35) Caprolactam	11.604	113	9326	8.284	ng	#	89
36) 4-Chloro-3-methylphenol	11.992	107	25364	7.201	ng		98
37) 2-Methylnaphthalene	12.374	142	62007	8.441	ng		97
38) 1-Methylnaphthalene	12.586	142	58496	7.930	ng		96
40) 1,2,4,5-Tetrachloroben...	12.738	216	42897	9.358	ng		98
41) Hexachlorocyclopentadiene	12.721	237	11237	8.592	ng		87
43) 2,4,6-Trichlorophenol	12.979	196	25068	8.627	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.050	196	27833	8.458	ng		90
46) 1,1'-Biphenyl	13.379	154	91733	9.021	ng		98
47) 2-Chloronaphthalene	13.420	162	72094	8.748	ng		94
48) 2-Nitroaniline	13.614	65	18691	8.623	ng		90
49) Acenaphthylene	14.266	152	114529	9.384	ng		98
50) Dimethylphthalate	13.996	163	98790	8.864	ng		97
51) 2,6-Dinitrotoluene	14.113	165	17358	8.234	ng		96
52) Acenaphthene	14.607	154	65631	8.602	ng		98
53) 3-Nitroaniline	14.442	138	18872	9.252	ng		94
54) 2,4-Dinitrophenol	14.648	184	6649	5.620	ng		96
55) Dibenzofuran	14.942	168	117702	8.996	ng		97
56) 4-Nitrophenol	14.748	139	14664	8.482	ng		98
57) 2,4-Dinitrotoluene	14.901	165	24901	8.657	ng	#	97
58) Fluorene	15.594	166	90089	8.773	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.165	232	28806	9.240	ng		94
60) Diethylphthalate	15.359	149	95449	8.640	ng		97
61) 4-Chlorophenyl-phenyle...	15.588	204	52685	8.937	ng		96
62) 4-Nitroaniline	15.600	138	21060	9.363	ng		94
63) Azobenzene	15.876	77	87907	8.475	ng		99
65) 4,6-Dinitro-2-methylph...	15.664	198	14236	7.400	ng		96
66) n-Nitrosodiphenylamine	15.800	169	85108	8.212	ng		97
67) 4-Bromophenyl-phenylether	16.481	248	36475	8.199	ng		95
68) Hexachlorobenzene	16.599	284	44394	8.426	ng	#	92
69) Atrazine	16.745	200	41019	11.653	ng		97
70) Pentachlorophenol	16.939	266	21482	6.366	ng		96
71) Phenanthrene	17.327	178	182990	9.095	ng		100
72) Anthracene	17.421	178	179879	9.093	ng		98
73) Carbazole	17.686	167	168226	9.250	ng		99
74) Di-n-butylphthalate	18.250	149	187016	9.118	ng		100
75) Fluoranthene	19.342	202	250118	9.829	ng		98
77) Benzidine	19.519	184	103651	10.978	ng		98
78) Pyrene	19.701	202	270966	8.138	ng		98
80) Butylbenzylphthalate	20.600	149	74613	7.629	ng		97
81) Benzo(a)anthracene	21.510	228	295127	8.933	ng		98
82) 3,3'-Dichlorobenzidine	21.434	252	98218	9.125	ng		98
83) Chrysene	21.575	228	287269	9.077	ng		98
84) Bis(2-ethylhexyl)phtha...	21.434	149	115569	7.778	ng	#	93
85) Di-n-octyl phthalate	22.592	149	192198	7.388	ng		100
87) Indeno(1,2,3-cd)pyrene	28.056	276	332017	8.836	ng	#	80
88) Benzo(b)fluoranthene	23.631	252	272272	8.412	ng		98
89) Benzo(k)fluoranthene	23.696	252	288603	9.116	ng		96
90) Benzo(a)pyrene	24.454	252	253645	8.871	ng		99
91) Dibenzo(a,h)anthracene	28.114	278	273521	8.837	ng		97
92) Benzo(g,h,i)perylene	29.137	276	258552	8.284	ng		99

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

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