Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
Data File : BG062663.D
Acq On : 5 Sep 2024 12:30
Operator : MA/JU
Sample : P3390-09
Misc : MDL-WATER-4 ng
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 05 13:43:31 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-QT3-2024

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	56577	20.000	ng		0.00
21) Naphthalene-d8	10.711	136	246775	20.000	ng		0.00
39) Acenaphthene-d10	14.548	164	193776	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	534373	20.000	ng		0.00
76) Chrysene-d12	21.534	240	591665	20.000	ng		0.00
86) Perylene-d12	24.607	264	674766	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.500	112	384331	117.421	ng		0.00
7) Phenol-d6	7.086	99	519985	109.969	ng		0.00
23) Nitrobenzene-d5	9.072	82	369885	80.724	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	359635	131.878	ng		0.00
45) 2-Fluorobiphenyl	13.167	172	982032	82.089	ng		0.00
79) Terphenyl-d14	19.906	244	2084532	69.859	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.408	88	8128	5.961	ng	#	78
3) Pyridine	3.808	79	13975	3.557	ng	#	92
4) n-Nitrosodimethylamine	3.719	42	7860	4.115	ng	#	89
6) Aniline	7.251	93	19616	4.440	ng		95
8) 2-Chlorophenol	7.486	128	13442	3.825	ng		87
9) Benzaldehyde	7.063	77	13935	5.066	ng		94
10) Phenol	7.110	94	17450	3.645	ng		83
11) bis(2-Chloroethyl)ether	7.345	93	13897	3.792	ng		87
12) 1,3-Dichlorobenzene	7.815	146	15362	3.984	ng		90
13) 1,4-Dichlorobenzene	7.956	146	15514	3.909	ng		94
14) 1,2-Dichlorobenzene	8.273	146	15091	3.869	ng		98
15) Benzyl Alcohol	8.155	79	12323	3.522	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.437	45	25960	3.717	ng		95
17) 2-Methylphenol	8.361	107	10965	3.286	ng		96
18) Hexachloroethane	9.002	117	5407	3.634	ng		90
19) n-Nitroso-di-n-propyla...	8.719	70	11979	3.215	ng	#	95
20) 3+4-Methylphenols	8.678	107	15273	3.103	ng		97
22) Acetophenone	8.737	105	23863	3.584	ng	#	95
24) Nitrobenzene	9.113	77	17837	3.661	ng		99
25) Isophorone	9.636	82	34169	3.397	ng		95
26) 2-Nitrophenol	9.824	139	6458	3.508	ng	#	87
27) 2,4-Dimethylphenol	9.883	122	8851	3.281	ng		85
28) bis(2-Chloroethoxy)met...	10.124	93	19424	3.607	ng	#	97
29) 2,4-Dichlorophenol	10.365	162	13667	3.624	ng		93
30) 1,2,4-Trichlorobenzene	10.576	180	17807	3.983	ng		98
31) Naphthalene	10.764	128	47359	3.872	ng		96
33) 4-Chloroaniline	10.870	127	18785	3.903	ng		96
34) Hexachlorobutadiene	11.052	225	12448	3.987	ng		90
35) Caprolactam	11.598	113	4794	3.297	ng	#	79
36) 4-Chloro-3-methylphenol	11.992	107	14855	3.266	ng		92
37) 2-Methylnaphthalene	12.374	142	34246	3.610	ng		96
38) 1-Methylnaphthalene	12.591	142	31987	3.358	ng		99
40) 1,2,4,5-Tetrachloroben...	12.738	216	24614	4.224	ng		97
41) Hexachlorocyclopentadiene	12.721	237	5372	3.231	ng		86
43) 2,4,6-Trichlorophenol	12.979	196	13514	3.658	ng		98
44) 2,4,5-Trichlorophenol	13.050	196	15567	3.721	ng		95

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Quant Time: Sep 05 13:43:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.379	154	52821	4.086	ng		95
47) 2-Chloronaphthalene	13.420	162	39056	3.728	ng		96
48) 2-Nitroaniline	13.620	65	9709	3.523	ng		90
49) Acenaphthylene	14.266	152	64250	4.141	ng		95
50) Dimethylphthalate	13.996	163	56648	3.998	ng		97
51) 2,6-Dinitrotoluene	14.113	165	9120	3.403	ng		95
52) Acenaphthene	14.607	154	37808	3.898	ng		99
53) 3-Nitroaniline	14.442	138	8846	3.411	ng	#	96
55) Dibenzofuran	14.947	168	68886	4.141	ng		98
56) 4-Nitrophenol	14.759	139	6518	2.966	ng	#	85
57) 2,4-Dinitrotoluene	14.900	165	12967	3.546	ng		98
58) Fluorene	15.594	166	52157	3.995	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.171	232	15420	3.891	ng	#	97
60) Diethylphthalate	15.365	149	53555	3.813	ng		96
61) 4-Chlorophenyl-phenyle...	15.588	204	29911	3.991	ng		98
62) 4-Nitroaniline	15.606	138	10183	3.561	ng		86
63) Azobenzene	15.882	77	50824	3.854	ng		96
65) 4,6-Dinitro-2-methylph...	15.664	198	6069	2.545	ng		89
66) n-Nitrosodiphenylamine	15.799	169	46972	3.656	ng		96
67) 4-Bromophenyl-phenylether	16.481	248	20647	3.744	ng		96
68) Hexachlorobenzene	16.598	284	24608	3.768	ng		96
69) Atrazine	16.745	200	20439	4.684	ng		95
70) Pentachlorophenol	16.945	266	8457	2.022	ng	#	84
71) Phenanthrene	17.327	178	100634	4.035	ng		98
72) Anthracene	17.421	178	98835	4.030	ng		99
73) Carbazole	17.691	167	82308	3.651	ng		99
74) Di-n-butylphthalate	18.255	149	88192	3.469	ng		98
75) Fluoranthene	19.342	202	122951	3.898	ng		99
77) Benzidine	19.524	184	47577	4.461	ng		96
78) Pyrene	19.707	202	133445	3.548	ng		99
80) Butylbenzylphthalate	20.600	149	34234	3.099	ng		96
81) Benzo(a)anthracene	21.516	228	142348	3.815	ng		98
82) 3,3'-Dichlorobenzidine	21.434	252	45817	3.769	ng		99
83) Chrysene	21.581	228	139616	3.906	ng		98
84) Bis(2-ethylhexyl)phtha...	21.434	149	52493	3.128	ng	#	99
85) Di-n-octyl phthalate	22.597	149	89246	3.037	ng		99
87) Indeno(1,2,3-cd)pyrene	28.056	276	160623	3.712	ng	#	90
88) Benzo(b)fluoranthene	23.631	252	133191	3.574	ng		100
89) Benzo(k)fluoranthene	23.690	252	140877m	3.864	ng		
90) Benzo(a)pyrene	24.460	252	122027	3.706	ng		96
91) Dibenzo(a,h)anthracene	28.120	278	132377	3.714	ng		98
92) Benzo(g,h,i)perylene	29.143	276	125632	3.496	ng		98

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

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