Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090524\
Data File : BG062667.D
Acq On : 5 Sep 2024 15:10
Operator : MA/JU
Sample : P2403-09
Misc : MDL-WATER-4 ng
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 05 16:13:29 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	7.924	152	53402	20.000	ng		0.00
21) Naphthalene-d8	10.715	136	215385	20.000	ng		0.00
39) Acenaphthene-d10	14.546	164	174723	20.000	ng		0.00
64) Phenanthrene-d10	17.284	188	497380	20.000	ng		0.00
76) Chrysene-d12	21.532	240	585851	20.000	ng		0.00
86) Perylene-d12	24.599	264	664596	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	358924	116.178	ng		0.00
7) Phenol-d6	7.084	99	489410	109.656	ng		0.00
23) Nitrobenzene-d5	9.070	82	333632	83.424	ng		0.00
42) 2,4,6-Tribromophenol	16.032	330	336265	136.754	ng		0.00
45) 2-Fluorobiphenyl	13.165	172	870449	80.696	ng		0.00
79) Terphenyl-d14	19.904	244	2058710	69.678	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.412	88	5451	4.235	ng		97
3) Pyridine	3.811	79	13316	3.591	ng	#	80
4) n-Nitrosodimethylamine	3.717	42	6969	3.866	ng	#	76
6) Aniline	7.243	93	17717	4.249	ng	#	89
8) 2-Chlorophenol	7.489	128	12060	3.636	ng		98
9) Benzaldehyde	7.066	77	13070	5.034	ng		94
10) Phenol	7.113	94	16029	3.548	ng		95
11) bis(2-Chloroethyl)ether	7.342	93	12760	3.689	ng		98
12) 1,3-Dichlorobenzene	7.812	146	14374	3.949	ng		97
13) 1,4-Dichlorobenzene	7.953	146	14370	3.836	ng		92
14) 1,2-Dichlorobenzene	8.271	146	13403	3.640	ng		99
15) Benzyl Alcohol	8.159	79	11000	3.331	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.435	45	23586	3.577	ng		97
17) 2-Methylphenol	8.359	107	10342	3.284	ng		92
18) Hexachloroethane	9.005	117	4832	3.440	ng	#	84
19) n-Nitroso-di-n-propyla...	8.717	70	10843	3.083	ng		96
20) 3+4-Methylphenols	8.682	107	13977	3.008	ng		93
22) Acetophenone	8.735	105	20765	3.574	ng	#	92
24) Nitrobenzene	9.117	77	15794	3.714	ng	#	94
25) Isophorone	9.634	82	31141	3.547	ng		99
26) 2-Nitrophenol	9.828	139	5565	3.464	ng	#	84
27) 2,4-Dimethylphenol	9.886	122	8247	3.503	ng	#	87
28) bis(2-Chloroethoxy)met...	10.122	93	17226	3.665	ng		97
29) 2,4-Dichlorophenol	10.362	162	11959	3.633	ng		95
30) 1,2,4-Trichlorobenzene	10.574	180	15314	3.925	ng	#	91
31) Naphthalene	10.762	128	42308	3.963	ng		97
32) Benzoic acid	9.939	122	5133m	2.027	ng		
33) 4-Chloroaniline	10.868	127	15768	3.753	ng		90
34) Hexachlorobutadiene	11.050	225	10344	3.796	ng		98
35) Caprolactam	11.608	113	4315	3.400	ng	#	90
36) 4-Chloro-3-methylphenol	11.990	107	12530	3.156	ng	#	94
37) 2-Methylnaphthalene	12.372	142	30126	3.638	ng		95
38) 1-Methylnaphthalene	12.589	142	29944	3.601	ng		92
40) 1,2,4,5-Tetrachloroben...	12.736	216	21348	4.063	ng		96
41) Hexachlorocyclopentadiene	12.718	237	4995	3.332	ng		97
43) 2,4,6-Trichlorophenol	12.977	196	12157	3.650	ng		97

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44) 2,4,5-Trichlorophenol	13.048	196	13088	3.470	ng	#	92
46) 1,1'-Biphenyl	13.377	154	46770	4.012	ng		97
47) 2-Chloronaphthalene	13.418	162	35609	3.769	ng		97
48) 2-Nitroaniline	13.623	65	8962	3.607	ng		87
49) Acenaphthylene	14.264	152	56713	4.054	ng		99
50) Dimethylphthalate	13.993	163	48982	3.834	ng	#	99
51) 2,6-Dinitrotoluene	14.111	165	8503	3.519	ng	#	91
52) Acenaphthene	14.610	154	33350	3.813	ng		96
53) 3-Nitroaniline	14.440	138	9079	3.883	ng		86
55) Dibenzofuran	14.939	168	59992	4.000	ng		100
56) 4-Nitrophenol	14.757	139	6268	3.163	ng		87
57) 2,4-Dinitrotoluene	14.898	165	11641	3.531	ng	#	97
58) Fluorene	15.592	166	47512	4.036	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	14531	4.066	ng	#	92
60) Diethylphthalate	15.357	149	48270	3.812	ng		99
61) 4-Chlorophenyl-phenyle...	15.586	204	27709	4.101	ng		95
62) 4-Nitroaniline	15.597	138	9564	3.709	ng		97
63) Azobenzene	15.874	77	44336	3.729	ng		96
65) 4,6-Dinitro-2-methylph...	15.668	198	5928	2.671	ng		83
66) n-Nitrosodiphenylamine	15.797	169	40725	3.406	ng		97
67) 4-Bromophenyl-phenylether	16.479	248	18578	3.619	ng		93
68) Hexachlorobenzene	16.596	284	23756	3.908	ng		94
69) Atrazine	16.743	200	19669	4.843	ng		94
70) Pentachlorophenol	16.937	266	8542m	2.194	ng		
71) Phenanthrene	17.325	178	92237	3.973	ng		98
72) Anthracene	17.419	178	89550	3.923	ng		99
73) Carbazole	17.689	167	82362	3.925	ng		98
74) Di-n-butylphthalate	18.253	149	88089	3.722	ng		100
75) Fluoranthene	19.340	202	122398	4.169	ng		96
77) Benzidine	19.522	184	47911	4.537	ng		98
78) Pyrene	19.704	202	133570	3.587	ng		95
80) Butylbenzylphthalate	20.597	149	34646	3.167	ng		95
81) Benzo(a)anthracene	21.514	228	143355	3.880	ng		97
82) 3,3'-Dichlorobenzidine	21.432	252	46407	3.855	ng		96
83) Chrysene	21.573	228	140970	3.983	ng		98
84) Bis(2-ethylhexyl)phtha...	21.432	149	53553	3.223	ng		96
85) Di-n-octyl phthalate	22.595	149	88111	3.028	ng		99
87) Indeno(1,2,3-cd)pyrene	28.053	276	161082	3.780	ng		98
88) Benzo(b)fluoranthene	23.629	252	132303	3.604	ng		99
89) Benzo(k)fluoranthene	23.694	252	138489	3.857	ng		97
90) Benzo(a)pyrene	24.446	252	122053	3.764	ng		98
91) Dibenzo(a,h)anthracene	28.106	278	131114	3.735	ng	#	95
92) Benzo(g,h,i)perylene	29.129	276	126081	3.562	ng		97

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

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