Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
Data File : BG063154.D
Acq On : 4 Nov 2024 13:21
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-5 PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 04 13:53:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 05:13:40 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
11/05/2024
Supervised By :mohammad ahmed
11/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.841	152	126208	20.000	ng		0.00
21) Naphthalene-d8	10.632	136	496459	20.000	ng	#	0.00
39) Acenaphthene-d10	14.475	164	381794	20.000	ng		0.00
64) Phenanthrene-d10	17.224	188	948058	20.000	ng		0.00
76) Chrysene-d12	21.472	240	1071707	20.000	ng		-0.01
86) Perylene-d12	24.504	264	1197535	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.438	112	821476	100.929	ng		0.00
7) Phenol-d6	7.019	99	1152546	108.060	ng		0.00
23) Nitrobenzene-d5	8.999	82	910953	79.805	ng		0.00
42) 2,4,6-Tribromophenol	15.967	330	737831	113.770	ng		0.00
45) 2-Fluorobiphenyl	13.094	172	2051774	79.596	ng		0.00
79) Terphenyl-d14	19.856	244	3961658	76.070	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	17142	5.360	ng		83
3) Pyridine	3.764	79	35482	4.596	ng		91
4) n-Nitrosodimethylamine	3.670	42	20742	4.325	ng	#	95
6) Aniline	7.177	93	51862	5.407	ng		98
8) 2-Chlorophenol	7.412	128	35762	4.731	ng		95
9) Benzaldehyde	6.983	77	39745m	5.997	ng		
10) Phenol	7.042	94	53640	4.695	ng		94
11) bis(2-Chloroethyl)ether	7.271	93	34127	4.428	ng		93
12) 1,3-Dichlorobenzene	7.735	146	39403	4.297	ng		94
13) 1,4-Dichlorobenzene	7.876	146	40754	4.359	ng		90
14) 1,2-Dichlorobenzene	8.200	146	38573	4.280	ng		95
15) Benzyl Alcohol	8.082	79	40982	4.782	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.364	45	70143	5.018	ng		94
17) 2-Methylphenol	8.288	107	32344	4.450	ng		95
18) Hexachloroethane	8.922	117	16025	4.790	ng		98
19) n-Nitroso-di-n-propyla...	8.640	70	34598	4.658	ng	#	97
20) 3+4-Methylphenols	8.611	107	40838	4.213	ng		95
22) Acetophenone	8.658	105	62882	4.727	ng	#	96
24) Nitrobenzene	9.034	77	53813	4.360	ng	#	92
25) Isophorone	9.557	82	92249	4.672	ng	#	94
26) 2-Nitrophenol	9.757	139	18927	4.170	ng	#	81
27) 2,4-Dimethylphenol	9.809	122	21335	3.823	ng	#	77
28) bis(2-Chloroethoxy)met...	10.039	93	46481	4.490	ng		97
29) 2,4-Dichlorophenol	10.285	162	37005	4.390	ng		92
30) 1,2,4-Trichlorobenzene	10.497	180	48752	4.702	ng	#	84
31) Naphthalene	10.679	128	122578	4.680	ng		96
33) 4-Chloroaniline	10.797	127	44746	5.063	ng	#	88
34) Hexachlorobutadiene	10.967	225	38151	4.471	ng		93
35) Caprolactam	11.525	113	13225	4.913	ng	#	82
36) 4-Chloro-3-methylphenol	11.919	107	44097	4.541	ng		97
37) 2-Methylnaphthalene	12.289	142	86506	4.656	ng		89
38) 1-Methylnaphthalene	12.512	142	74303	4.063	ng		100
40) 1,2,4,5-Tetrachloroben...	12.665	216	66132	4.820	ng		94
41) Hexachlorocyclopentadiene	12.647	237	11955	2.682	ng		87
43) 2,4,6-Trichlorophenol	12.906	196	34731m	4.228	ng		
44) 2,4,5-Trichlorophenol	12.982	196	39769	4.404	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.305	154	129475	4.996	ng		98
47) 2-Chloronaphthalene	13.346	162	99738	4.596	ng		98
48) 2-Nitroaniline	13.552	65	32722	4.296	ng	#	75
49) Acenaphthylene	14.198	152	152537	4.979	ng		98
50) Dimethylphthalate	13.928	163	129751	4.768	ng	#	98
51) 2,6-Dinitrotoluene	14.052	165	25130	4.326	ng		95
52) Acenaphthene	14.539	154	91437	4.821	ng		99
53) 3-Nitroaniline	14.381	138	24959	4.525	ng		88
55) Dibenzofuran	14.874	168	156650	4.684	ng		98
56) 4-Nitrophenol	14.698	139	15317	3.668	ng	#	87
57) 2,4-Dinitrotoluene	14.839	165	36393	4.380	ng	#	86
58) Fluorene	15.526	166	124841	4.710	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.109	232	34186	3.944	ng		96
60) Diethylphthalate	15.297	149	129213	4.625	ng		99
61) 4-Chlorophenyl-phenyle...	15.520	204	75201	4.565	ng		98
62) 4-Nitroaniline	15.550	138	27685	4.549	ng	#	70
63) Azobenzene	15.814	77	140275	4.854	ng		94
65) 4,6-Dinitro-2-methylph...	15.608	198	18030	2.958	ng		91
66) n-Nitrosodiphenylamine	15.732	169	110324	4.665	ng		98
67) 4-Bromophenyl-phenylether	16.413	248	54108	4.657	ng	#	87
68) Hexachlorobenzene	16.537	284	60501	4.495	ng	#	92
69) Atrazine	16.684	200	49443	4.548	ng		92
71) Phenanthrene	17.265	178	228358	4.969	ng		95
72) Anthracene	17.359	178	214796	4.762	ng		99
73) Carbazole	17.630	167	196489	4.627	ng		97
74) Di-n-butylphthalate	18.194	149	212664	4.411	ng		97
75) Fluoranthene	19.287	202	292666	4.499	ng		94
77) Benzidine	19.469	184	117691	7.127	ng		98
78) Pyrene	19.651	202	306293	4.821	ng		96
80) Butylbenzylphthalate	20.544	149	92870	4.537	ng		90
81) Benzo(a)anthracene	21.455	228	335501	4.971	ng		97
82) 3,3'-Dichlorobenzidine	21.378	252	115400	4.612	ng		90
83) Chrysene	21.519	228	297231	4.688	ng		98
84) Bis(2-ethylhexyl)phtha...	21.372	149	134979	4.546	ng		99
85) Di-n-octyl phthalate	22.518	149	225789	4.545	ng		100
87) Indeno(1,2,3-cd)pyrene	27.918	276	387897	4.826	ng	#	96
88) Benzo(b)fluoranthene	23.546	252	313511	4.490	ng		95
89) Benzo(k)fluoranthene	23.611	252	328774	4.936	ng		99
90) Benzo(a)pyrene	24.363	252	297963	4.889	ng		94
91) Dibenzo(a,h)anthracene	27.970	278	312750	4.662	ng	#	91
92) Benzo(g,h,i)perylene	28.969	276	291352	4.393	ng	#	92

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

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