Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
Data File : BG063160.D
Acq On : 4 Nov 2024 18:11
Operator : RC/JU
Sample : P4368-07
Misc : LOD-MDL-WATER-4 PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 05 01:45:30 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 :
LOD-MDL-WATER-01-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	7.843	152	92632	20.000	ng		0.00
21) Naphthalene-d8	10.634	136	377891	20.000	ng	#	0.00
39) Acenaphthene-d10	14.477	164	273829	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	698517	20.000	ng		0.00
76) Chrysene-d12	21.474	240	839683	20.000	ng		0.00
86) Perylene-d12	24.506	264	944430	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	764589	127.990	ng		0.00
7) Phenol-d6	7.021	99	1046634	133.699	ng		0.00
23) Nitrobenzene-d5	8.995	82	784797	90.325	ng		0.00
42) 2,4,6-Tribromophenol	15.969	330	622521	133.836	ng		0.00
45) 2-Fluorobiphenyl	13.096	172	1765577	95.498	ng		0.00
79) Terphenyl-d14	19.853	244	3443936	84.402	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	12806	5.456	ng	#	81
3) Pyridine	3.754	79	25277	4.461	ng		97
4) n-Nitrosodimethylamine	3.666	42	17691	5.026	ng	#	71
6) Aniline	7.179	93	41190	5.851	ng		91
8) 2-Chlorophenol	7.414	128	26828	4.836	ng		91
9) Benzaldehyde	6.986	77	29335	6.031	ng	#	69
10) Phenol	7.044	94	36138	4.309	ng		96
11) bis(2-Chloroethyl)ether	7.268	93	24232	4.284	ng	#	84
12) 1,3-Dichlorobenzene	7.732	146	27872	4.141	ng		87
13) 1,4-Dichlorobenzene	7.879	146	31077m	4.529	ng		
14) 1,2-Dichlorobenzene	8.196	146	29615	4.478	ng		96
15) Benzyl Alcohol	8.078	79	30560	4.858	ng	#	84
16) 2,2'-oxybis(1-Chloropr...	8.360	45	53334	5.199	ng		93
17) 2-Methylphenol	8.284	107	23092	4.329	ng		93
18) Hexachloroethane	8.924	117	10549	4.296	ng		91
19) n-Nitroso-di-n-propyla...	8.637	70	26368	4.837	ng	#	89
20) 3+4-Methylphenols	8.613	107	30934	4.348	ng		88
22) Acetophenone	8.660	105	46294	4.572	ng	#	90
24) Nitrobenzene	9.042	77	42124	4.484	ng	#	90
25) Isophorone	9.553	82	65776	4.377	ng	#	96
26) 2-Nitrophenol	9.753	139	13561	3.925	ng		92
27) 2,4-Dimethylphenol	9.812	122	18346	4.319	ng		92
28) bis(2-Chloroethoxy)met...	10.041	93	35729	4.534	ng		99
29) 2,4-Dichlorophenol	10.288	162	24844	3.872	ng		93
30) 1,2,4-Trichlorobenzene	10.499	180	33009	4.183	ng		98
31) Naphthalene	10.681	128	88552	4.442	ng		99
33) 4-Chloroaniline	10.799	127	30204	4.490	ng	#	90
34) Hexachlorobutadiene	10.969	225	28014	4.313	ng		93
35) Caprolactam	11.533	113	7436	3.629	ng	#	90
36) 4-Chloro-3-methylphenol	11.921	107	28356	3.836	ng		96
37) 2-Methylnaphthalene	12.297	142	62144	4.395	ng		88
38) 1-Methylnaphthalene	12.514	142	58629m	4.212	ng		
40) 1,2,4,5-Tetrachloroben...	12.667	216	45558	4.630	ng	#	98
41) Hexachlorocyclopentadiene	12.644	237	9374	2.932	ng		85
43) 2,4,6-Trichlorophenol	12.908	196	23339m	3.962	ng		
44) 2,4,5-Trichlorophenol	12.984	196	22027	3.401	ng	#	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.308	154	87881	4.728	ng		97
47) 2-Chloronaphthalene	13.349	162	67133	4.313	ng	#	90
48) 2-Nitroaniline	13.548	65	22731	4.161	ng		95
49) Acenaphthylene	14.195	152	107185	4.878	ng	#	92
50) Dimethylphthalate	13.930	163	86439	4.429	ng	#	96
51) 2,6-Dinitrotoluene	14.048	165	18677	4.482	ng	#	78
52) Acenaphthene	14.536	154	63407	4.661	ng		98
53) 3-Nitroaniline	14.383	138	16125	4.076	ng	#	97
55) Dibenzofuran	14.876	168	114144	4.759	ng		95
56) 4-Nitrophenol	14.706	139	9904m	3.307	ng		
57) 2,4-Dinitrotoluene	14.847	165	24492	4.110	ng	#	88
58) Fluorene	15.523	166	85472	4.496	ng		91
59) 2,3,4,6-Tetrachlorophenol	15.105	232	22493	3.619	ng	#	92
60) Diethylphthalate	15.293	149	87799	4.381	ng	#	96
61) 4-Chlorophenyl-phenyle...	15.523	204	53622	4.539	ng	#	84
62) 4-Nitroaniline	15.546	138	18341	4.202	ng	#	84
63) Azobenzene	15.816	77	94823	4.575	ng		95
65) 4,6-Dinitro-2-methylph...	15.617	198	12127	2.700	ng		77
66) n-Nitrosodiphenylamine	15.734	169	74225	4.259	ng		97
67) 4-Bromophenyl-phenylether	16.416	248	38564	4.505	ng		96
68) Hexachlorobenzene	16.533	284	42700	4.306	ng		94
69) Atrazine	16.680	200	31981	3.992	ng		91
71) Phenanthrene	17.268	178	156670	4.627	ng		95
72) Anthracene	17.356	178	155979	4.693	ng		96
73) Carbazole	17.632	167	136220	4.354	ng	#	96
74) Di-n-butylphthalate	18.190	149	149174	4.199	ng		98
75) Fluoranthene	19.289	202	207951	4.338	ng		98
77) Benzidine	19.471	184	104387	8.069	ng	#	96
78) Pyrene	19.647	202	220577	4.431	ng		97
80) Butylbenzylphthalate	20.546	149	66552	4.150	ng		87
81) Benzo(a)anthracene	21.457	228	240205	4.543	ng		94
82) 3,3'-Dichlorobenzidine	21.380	252	87355	4.456	ng	#	94
83) Chrysene	21.521	228	232846	4.688	ng		96
84) Bis(2-ethylhexyl)phtha...	21.375	149	95903	4.122	ng		95
85) Di-n-octyl phthalate	22.514	149	156238	4.014	ng		100
87) Indeno(1,2,3-cd)pyrene	27.920	276	269157	4.246	ng	#	88
88) Benzo(b)fluoranthene	23.549	252	220012	3.996	ng		96
89) Benzo(k)fluoranthene	23.607	252	236424	4.501	ng		95
90) Benzo(a)pyrene	24.365	252	219222	4.561	ng	#	92
91) Dibenzo(a,h)anthracene	27.967	278	224588	4.245	ng	#	99
92) Benzo(g,h,i)perylene	28.983	276	205699	3.933	ng	#	91

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

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