Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062640.D
Acq On : 4 Sep 2024 12:28
Operator : MA/JU
Sample : P3390-08
Misc : LOQ-WATER-10 ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2024

Quant Time: Sep 04 13:02:37 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.921	152	80154	20.000	ng		0.00
21) Naphthalene-d8	10.717	136	347751	20.000	ng		0.00
39) Acenaphthene-d10	14.548	164	284445	20.000	ng		0.00
64) Phenanthrene-d10	17.292	188	814457	20.000	ng		0.00
76) Chrysene-d12	21.534	240	857461	20.000	ng		0.00
86) Perylene-d12	24.607	264	958549	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.500	112	546647	117.886	ng		0.00
7) Phenol-d6	7.086	99	805488	120.241	ng		0.00
23) Nitrobenzene-d5	9.078	82	538356	83.375	ng		0.00
42) 2,4,6-Tribromophenol	16.035	330	551388	137.742	ng		0.00
45) 2-Fluorobiphenyl	13.173	172	1411178	80.360	ng		0.00
79) Terphenyl-d14	19.913	244	3058173	70.719	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.408	88	20738	10.735	ng		100
3) Pyridine	3.802	79	51754	9.298	ng		92
4) n-Nitrosodimethylamine	3.714	42	28373	10.486	ng		91
6) Aniline	7.251	93	71989	11.502	ng		95
8) 2-Chlorophenol	7.486	128	49317	9.906	ng		99
9) Benzaldehyde	7.063	77	50104m	12.858	ng		
10) Phenol	7.116	94	67267	9.919	ng		99
11) bis(2-Chloroethyl)ether	7.345	93	53068	10.221	ng		92
12) 1,3-Dichlorobenzene	7.809	146	54879	10.045	ng		96
13) 1,4-Dichlorobenzene	7.956	146	54943	9.772	ng		98
14) 1,2-Dichlorobenzene	8.273	146	53045	9.598	ng		93
15) Benzyl Alcohol	8.156	79	49298	9.946	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.438	45	90877	9.183	ng		97
17) 2-Methylphenol	8.361	107	40800	8.631	ng		97
18) Hexachloroethane	9.002	117	19677	9.334	ng	#	83
19) n-Nitroso-di-n-propyla...	8.720	70	46990	8.902	ng		99
20) 3+4-Methylphenols	8.685	107	57912	8.304	ng		96
22) Acetophenone	8.737	105	87710	9.349	ng	#	98
24) Nitrobenzene	9.119	77	70147	10.217	ng		96
25) Isophorone	9.636	82	133907	9.447	ng	#	97
26) 2-Nitrophenol	9.824	139	26513	10.221	ng		96
27) 2,4-Dimethylphenol	9.889	122	19891	5.233	ng		98
28) bis(2-Chloroethoxy)met...	10.118	93	76294	10.055	ng		98
29) 2,4-Dichlorophenol	10.359	162	55423	10.429	ng		93
30) 1,2,4-Trichlorobenzene	10.576	180	63121	10.019	ng		98
31) Naphthalene	10.765	128	170619	9.899	ng		99
32) Benzoic acid	9.983	122	52351m	12.806	ng		
33) 4-Chloroaniline	10.870	127	71298	10.511	ng		96
34) Hexachlorobutadiene	11.052	225	42750	9.716	ng		96
35) Caprolactam	11.622	113	21946	10.712	ng		96
36) 4-Chloro-3-methylphenol	11.992	107	56686	8.843	ng		97
37) 2-Methylnaphthalene	12.369	142	129497	9.686	ng		98
38) 1-Methylnaphthalene	12.592	142	125880	9.377	ng		99
40) 1,2,4,5-Tetrachloroben...	12.739	216	88919	10.395	ng		99
41) Hexachlorocyclopentadiene	12.721	237	23040	9.440	ng		96
43) 2,4,6-Trichlorophenol	12.980	196	54239	10.002	ng		95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.050	196	63734	10.378	ng	96
46) 1,1'-Biphenyl	13.379	154	191724	10.103	ng	99
47) 2-Chloronaphthalene	13.420	162	153802	10.000	ng	99
48) 2-Nitroaniline	13.620	65	43549	10.766	ng	91
49) Acenaphthylene	14.266	152	252473	11.085	ng	97
50) Dimethylphthalate	14.002	163	216126	10.391	ng	98
51) 2,6-Dinitrotoluene	14.119	165	41681	10.595	ng	91
52) Acenaphthene	14.613	154	143376	10.070	ng	98
53) 3-Nitroaniline	14.443	138	41502	10.902	ng	93
54) 2,4-Dinitrophenol	14.654	184	25294	11.457	ng	95
55) Dibenzofuran	14.942	168	259330	10.621	ng	98
56) 4-Nitrophenol	14.754	139	61573	19.086	ng	95
57) 2,4-Dinitrotoluene	14.907	165	57243	10.664	ng	96
58) Fluorene	15.594	166	204197	10.656	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.171	232	65953m	11.337	ng	
60) Diethylphthalate	15.365	149	215869	10.471	ng	99
61) 4-Chlorophenyl-phenyle...	15.588	204	116848	10.622	ng	94
62) 4-Nitroaniline	15.606	138	46921	11.179	ng	91
63) Azobenzene	15.882	77	198729	10.266	ng	98
65) 4,6-Dinitro-2-methylph...	15.671	198	34192	9.407	ng	92
66) n-Nitrosodiphenylamine	15.800	169	186518	9.525	ng	98
67) 4-Bromophenyl-phenylether	16.481	248	79604	9.470	ng	97
68) Hexachlorobenzene	16.599	284	95260	9.569	ng	98
69) Atrazine	16.746	200	85198	12.810	ng	99
70) Pentachlorophenol	16.940	266	95044	14.907	ng	99
71) Phenanthrene	17.333	178	396133	10.420	ng	100
72) Anthracene	17.421	178	383624	10.264	ng	98
73) Carbazole	17.692	167	352624	10.262	ng	98
74) Di-n-butylphthalate	18.256	149	395654	10.210	ng	99
75) Fluoranthene	19.343	202	504821	10.500	ng	99
77) Benzidine	19.525	184	131709	8.522	ng	98
78) Pyrene	19.707	202	534819	9.812	ng	98
80) Butylbenzylphthalate	20.600	149	153202	9.569	ng	98
81) Benzo(a)anthracene	21.517	228	562692	10.404	ng	99
82) 3,3'-Dichlorobenzidine	21.434	252	191512	10.870	ng	100
83) Chrysene	21.581	228	532573	10.281	ng	98
84) Bis(2-ethylhexyl)phtha...	21.434	149	233329	9.593	ng	97
85) Di-n-octyl phthalate	22.598	149	396106	9.301	ng	99
87) Indeno(1,2,3-cd)pyrene	28.074	276	636817	10.361	ng	99
88) Benzo(b)fluoranthene	23.632	252	536864	10.140	ng	99
89) Benzo(k)fluoranthene	23.702	252	545666	10.536	ng	97
90) Benzo(a)pyrene	24.460	252	481893	10.303	ng	99
91) Dibenzo(a,h)anthracene	28.132	278	528023	10.428	ng	96
92) Benzo(g,h,i)perylene	29.149	276	495812	9.711	ng	98

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

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