Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056489.D
Acq On : 31 Jan 2023 17:34
Operator : CG/JU
Sample : N4955-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/01/2023
Supervised By :Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 01:24:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.276	152	38591	20.000	ng		0.00
21) Naphthalene-d8	11.108	136	141289	20.000	ng	#	0.00
39) Acenaphthene-d10	14.898	164	114940	20.000	ng		0.00
64) Phenanthrene-d10	17.636	188	291460	20.000	ng		0.00
76) Chrysene-d12	21.925	240	279690	20.000	ng	#	0.00
86) Perylene-d12	25.344	264	296853	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	222489	106.057	ng		0.00
7) Phenol-d6	7.418	99	316447	101.808	ng		0.00
23) Nitrobenzene-d5	9.451	82	180161	72.408	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	171437	112.193	ng		0.00
45) 2-Fluorobiphenyl	13.523	172	625934	75.501	ng		0.00
79) Terphenyl-d14	20.209	244	1167086	73.289	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	3032	3.471	ng		96
3) Pyridine	4.034	79	7953	3.054	ng		97
4) n-Nitrosodimethylamine	3.928	42	1888	3.410	ng	#	80
6) Aniline	7.589	93	13344	3.279	ng		97
8) 2-Chlorophenol	7.841	128	9901	4.296	ng		99
9) Benzaldehyde	7.407	77	7455	3.721	ng		89
10) Phenol	7.442	94	12298	3.893	ng		87
11) bis(2-Chloroethyl)ether	7.683	93	7928	3.651	ng		92
12) 1,3-Dichlorobenzene	8.170	146	9724	3.665	ng		92
13) 1,4-Dichlorobenzene	8.317	146	10854	4.039	ng		94
14) 1,2-Dichlorobenzene	8.640	146	9844	3.776	ng		98
15) Benzyl Alcohol	8.511	79	6615	3.102	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.799	45	1474	3.204	ng		85
17) 2-Methylphenol	8.717	107	7480	3.112	ng		96
18) Hexachloroethane	9.369	117	3339	4.108	ng	#	89
19) n-Nitroso-di-n-propyla...	9.075	70	6469	3.611	ng		95
20) 3+4-Methylphenols	9.046	107	10118	3.004	ng		93
22) Acetophenone	9.105	105	13867	3.694	ng	#	91
24) Nitrobenzene	9.498	77	9358m	3.899	ng		
25) Isophorone	10.009	82	18334	3.572	ng		98
26) 2-Nitrophenol	10.215	139	5469	3.756	ng	#	92
27) 2,4-Dimethylphenol	10.256	122	7873	3.231	ng		92
28) bis(2-Chloroethoxy)met...	10.491	93	10641	3.753	ng		92
29) 2,4-Dichlorophenol	10.756	162	10071	3.671	ng		94
30) 1,2,4-Trichlorobenzene	10.961	180	11907	3.906	ng		98
31) Naphthalene	11.161	128	29104	3.903	ng		98
33) 4-Chloroaniline	11.267	127	12112	3.479	ng		96
34) Hexachlorobutadiene	11.437	225	8868	4.144	ng		97
35) Caprolactam	12.001	113	2948	3.187	ng		88
36) 4-Chloro-3-methylphenol	12.366	107	10152	3.832	ng		100
37) 2-Methylnaphthalene	12.742	142	22031	3.583	ng		98
38) 1-Methylnaphthalene	12.965	142	21298	3.709	ng	#	98
40) 1,2,4,5-Tetrachloroben...	13.106	216	15905	3.788	ng		98
41) Hexachlorocyclopentadiene	13.076	237	3424	7.787	ng		93
43) 2,4,6-Trichlorophenol	13.341	196	9476	3.502	ng		97
44) 2,4,5-Trichlorophenol	13.423	196	9997	3.155	ng	#	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.729	154	32775	3.931	ng		97
47) 2-Chloronaphthalene	13.782	162	25082	3.849	ng		98
48) 2-Nitroaniline	13.981	65	4466	3.315	ng		93
49) Acenaphthylene	14.622	152	40577	3.827	ng		98
50) Dimethylphthalate	14.328	163	33831	3.638	ng	#	98
51) 2,6-Dinitrotoluene	14.463	165	7225	3.563	ng		95
52) Acenaphthene	14.963	154	24892	3.959	ng		95
53) 3-Nitroaniline	14.798	138	6675	3.395	ng		91
55) Dibenzofuran	15.292	168	42566	3.775	ng		99
56) 4-Nitrophenol	15.109	139	4939	3.677	ng	#	82
57) 2,4-Dinitrotoluene	15.250	165	10959	3.837	ng	#	99
58) Fluorene	15.938	166	34102	3.801	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.521	232	9420	3.344	ng	#	97
60) Diethylphthalate	15.679	149	32668	3.741	ng		99
61) 4-Chlorophenyl-phenyle...	15.914	204	20887	3.815	ng		96
62) 4-Nitroaniline	15.944	138	6965	3.541	ng		86
63) Azobenzene	16.208	77	21830	3.633	ng		96
65) 4,6-Dinitro-2-methylph...	16.020	198	5514	2.691	ng		94
66) n-Nitrosodiphenylamine	16.132	169	30515	3.698	ng		96
67) 4-Bromophenyl-phenylether	16.813	248	13603	3.646	ng		96
68) Hexachlorobenzene	16.943	284	14858	4.066	ng		98
69) Atrazine	17.060	200	13209	4.149	ng		97
70) Pentachlorophenol	17.295	266	4994	2.258	ng	#	91
71) Phenanthrene	17.677	178	57292	3.756	ng		97
72) Anthracene	17.765	178	60887	3.888	ng		99
73) Carbazole	18.035	167	50503	3.787	ng		98
74) Di-n-butylphthalate	18.558	149	51486	3.677	ng	#	95
75) Fluoranthene	19.669	202	74753	3.883	ng		98
77) Benzidine	19.839	184	39690	5.244	ng		95
78) Pyrene	20.027	202	78979	3.970	ng		100
80) Butylbenzylphthalate	20.885	149	21948	3.613	ng		96
81) Benzo(a)anthracene	21.901	228	73976	3.783	ng		99
82) 3,3'-Dichlorobenzidine	21.807	252	30992	4.401	ng	#	98
83) Chrysene	21.972	228	68676	3.738	ng		98
84) Bis(2-ethylhexyl)phtha...	21.760	149	31408	3.606	ng		97
85) Di-n-octyl phthalate	23.035	149	52994	3.653	ng	#	97
87) Indeno(1,2,3-cd)pyrene	29.275	276	81280	3.740	ng	#	93
88) Benzo(b)fluoranthene	24.246	252	75693	4.108	ng		99
89) Benzo(k)fluoranthene	24.316	252	72849	3.916	ng		99
90) Benzo(a)pyrene	25.180	252	67143	3.699	ng		99
91) Dibenzo(a,h)anthracene	29.322	278	71172	3.902	ng		100
92) Benzo(g,h,i)perylene	30.503	276	69351	3.940	ng	#	97

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

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