Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013123\
Data File : BG056490.D
Acq On : 31 Jan 2023 18:15
Operator : CG/JU
Sample : N4955-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 01 01:25:08 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

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.276	152	37108	20.000	ng		0.00
21) Naphthalene-d8	11.108	136	136632	20.000	ng		0.00
39) Acenaphthene-d10	14.898	164	114349	20.000	ng		0.00
64) Phenanthrene-d10	17.636	188	291651	20.000	ng		0.00
76) Chrysene-d12	21.925	240	272835	20.000	ng		0.00
86) Perylene-d12	25.344	264	295086	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	210694	104.449	ng		0.00
7) Phenol-d6	7.418	99	305991	102.378	ng		0.00
23) Nitrobenzene-d5	9.451	82	183567	76.291	ng		0.00
42) 2,4,6-Tribromophenol	16.378	330	173109	113.872	ng		0.00
45) 2-Fluorobiphenyl	13.523	172	629632	76.340	ng		0.00
79) Terphenyl-d14	20.209	244	1170883	75.375	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.593	88	8114	9.660	ng		98
3) Pyridine	4.028	79	20325	8.118	ng		96
4) n-Nitrosodimethylamine	3.928	42	4893	9.189	ng	#	85
6) Aniline	7.589	93	35193	8.993	ng		98
8) 2-Chlorophenol	7.841	128	20280	9.152	ng		95
9) Benzaldehyde	7.401	77	18012	10.458	ng		86
10) Phenol	7.448	94	27835	9.163	ng		92
11) bis(2-Chloroethyl)ether	7.683	93	19614	9.394	ng		97
12) 1,3-Dichlorobenzene	8.165	146	25030	9.810	ng		94
13) 1,4-Dichlorobenzene	8.311	146	25391	9.827	ng		94
14) 1,2-Dichlorobenzene	8.640	146	24718	9.860	ng		98
15) Benzyl Alcohol	8.511	79	18026	8.790	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.787	45	4236	9.575	ng		91
17) 2-Methylphenol	8.717	107	19806	8.570	ng		97
18) Hexachloroethane	9.375	117	7997	10.233	ng		97
19) n-Nitroso-di-n-propyla...	9.075	70	15515	9.008	ng		98
20) 3+4-Methylphenols	9.046	107	26516	8.187	ng		96
22) Acetophenone	9.105	105	37107	10.221	ng	#	96
24) Nitrobenzene	9.492	77	23462	10.109	ng		95
25) Isophorone	10.015	82	47190	9.507	ng		98
26) 2-Nitrophenol	10.215	139	14108	10.019	ng	#	92
27) 2,4-Dimethylphenol	10.256	122	19650	8.338	ng		95
28) bis(2-Chloroethoxy)met...	10.491	93	27564	10.052	ng		99
29) 2,4-Dichlorophenol	10.756	162	25986	9.796	ng		97
30) 1,2,4-Trichlorobenzene	10.967	180	30492	10.344	ng		97
31) Naphthalene	11.161	128	71902	9.970	ng		98
32) Benzoic acid	10.374	122	16077m	12.193	ng		
33) 4-Chloroaniline	11.261	127	31198	9.268	ng		95
34) Hexachlorobutadiene	11.431	225	22433	10.841	ng		93
35) Caprolactam	12.007	113	8456	9.452	ng		87
36) 4-Chloro-3-methylphenol	12.365	107	24546	9.582	ng		96
37) 2-Methylnaphthalene	12.742	142	56292	9.468	ng		98
38) 1-Methylnaphthalene	12.959	142	54797m	9.869	ng		
40) 1,2,4,5-Tetrachloroben...	13.106	216	42265	10.117	ng		100
41) Hexachlorocyclopentadiene	13.082	237	14084	12.225	ng		98
43) 2,4,6-Trichlorophenol	13.341	196	25225	9.370	ng		91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.417	196	27119	8.604	ng	98
46) 1,1'-Biphenyl	13.734	154	83762	10.099	ng	97
47) 2-Chloronaphthalene	13.781	162	66600	10.273	ng	95
48) 2-Nitroaniline	13.975	65	11881	8.865	ng	98
49) Acenaphthylene	14.622	152	101919	9.663	ng	97
50) Dimethylphthalate	14.334	163	88850	9.604	ng	100
51) 2,6-Dinitrotoluene	14.463	165	19212	9.523	ng	93
52) Acenaphthene	14.962	154	59936	9.582	ng	96
53) 3-Nitroaniline	14.792	138	17426	8.910	ng	99
54) 2,4-Dinitrophenol	15.009	184	8270	6.539	ng	90
55) Dibenzofuran	15.291	168	109202	9.735	ng	99
56) 4-Nitrophenol	15.103	139	11451	8.568	ng	98
57) 2,4-Dinitrotoluene	15.244	165	27627	9.722	ng	96
58) Fluorene	15.938	166	86678	9.711	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.515	232	25510	9.103	ng	96
60) Diethylphthalate	15.679	149	84640	9.743	ng	98
61) 4-Chlorophenyl-phenyle...	15.914	204	52287	9.600	ng	99
62) 4-Nitroaniline	15.950	138	16930	8.651	ng	100
63) Azobenzene	16.208	77	58160	9.730	ng	97
65) 4,6-Dinitro-2-methylph...	16.014	198	16568	8.080	ng	96
66) n-Nitrosodiphenylamine	16.132	169	79572	9.636	ng	98
67) 4-Bromophenyl-phenylether	16.813	248	35438	9.492	ng	97
68) Hexachlorobenzene	16.942	284	37041	10.129	ng	100
69) Atrazine	17.060	200	34916	10.960	ng	93
70) Pentachlorophenol	17.289	266	15407m	6.963	ng	
71) Phenanthrene	17.677	178	150783	9.878	ng	99
72) Anthracene	17.765	178	152622	9.740	ng	99
73) Carbazole	18.029	167	131393	9.845	ng	99
74) Di-n-butylphthalate	18.558	149	132192	9.434	ng	100
75) Fluoranthene	19.669	202	191477	9.939	ng	99
77) Benzidine	19.839	184	102087	13.827	ng	95
78) Pyrene	20.027	202	193612	9.978	ng	99
80) Butylbenzylphthalate	20.885	149	55715	9.401	ng	97
81) Benzo(a)anthracene	21.901	228	186496	9.777	ng	98
82) 3,3'-Dichlorobenzidine	21.801	252	76249	11.101	ng	99
83) Chrysene	21.972	228	174515	9.739	ng	99
84) Bis(2-ethylhexyl)phtha...	21.760	149	81027	9.536	ng	98
85) Di-n-octyl phthalate	23.035	149	135008	9.541	ng	99
87) Indeno(1,2,3-cd)pyrene	29.269	276	207367	9.600	ng	99
88) Benzo(b)fluoranthene	24.246	252	191790	10.471	ng	99
89) Benzo(k)fluoranthene	24.310	252	188578	10.198	ng	98
90) Benzo(a)pyrene	25.174	252	169445	9.392	ng	98
91) Dibenzo(a,h)anthracene	29.328	278	184446	10.173	ng	98
92) Benzo(g,h,i)perylene	30.503	276	175976	10.059	ng	98

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

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