Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062649.D
Acq On : 4 Sep 2024 19:02
Operator : MA/JU
Sample : P2403-07
Misc : LOD-MDL-WATER-4 ng
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Quant Time: Sep 05 04:51:16 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	7.924	152	58835	20.000	ng		0.00
21) Naphthalene-d8	10.709	136	245870	20.000	ng		0.00
39) Acenaphthene-d10	14.546	164	201556	20.000	ng		0.00
64) Phenanthrene-d10	17.289	188	562523	20.000	ng		0.00
76) Chrysene-d12	21.531	240	642836	20.000	ng		0.00
86) Perylene-d12	24.598	264	720916	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	359327	105.568	ng		0.00
7) Phenol-d6	7.084	99	510488	103.817	ng		0.00
23) Nitrobenzene-d5	9.075	82	343800	75.307	ng		0.00
42) 2,4,6-Tribromophenol	16.032	330	340123	119.908	ng		0.00
45) 2-Fluorobiphenyl	13.171	172	902617	72.538	ng		0.00
79) Terphenyl-d14	19.904	244	2017377	62.226	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.412	88	6752	4.762	ng	#	84
3) Pyridine	3.805	79	14035	3.435	ng	#	86
4) n-Nitrosodimethylamine	3.723	42	6839	3.443	ng	#	88
6) Aniline	7.242	93	19217	4.183	ng		98
8) 2-Chlorophenol	7.483	128	13246	3.625	ng		94
9) Benzaldehyde	7.060	77	13134	4.592	ng		95
10) Phenol	7.113	94	16371	3.289	ng		88
11) bis(2-Chloroethyl)ether	7.342	93	12795	3.357	ng		94
12) 1,3-Dichlorobenzene	7.806	146	13519m	3.371	ng		
13) 1,4-Dichlorobenzene	7.953	146	13973	3.386	ng		94
14) 1,2-Dichlorobenzene	8.271	146	13601	3.353	ng		98
15) Benzyl Alcohol	8.153	79	11559	3.177	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.441	45	23326	3.211	ng		96
17) 2-Methylphenol	8.359	107	10286	2.964	ng		99
18) Hexachloroethane	9.005	117	4953	3.201	ng		92
19) n-Nitroso-di-n-propyla...	8.717	70	11605	2.995	ng		97
20) 3+4-Methylphenols	8.688	107	14283	2.790	ng		93
22) Acetophenone	8.735	105	21754	3.280	ng	#	95
24) Nitrobenzene	9.117	77	18207	3.751	ng	#	94
25) Isophorone	9.634	82	32754	3.268	ng		95
26) 2-Nitrophenol	9.828	139	5945	3.241	ng	#	89
27) 2,4-Dimethylphenol	9.886	122	8101	3.014	ng		93
28) bis(2-Chloroethoxy)met...	10.121	93	18236	3.399	ng		94
29) 2,4-Dichlorophenol	10.362	162	12043	3.205	ng		94
30) 1,2,4-Trichlorobenzene	10.580	180	15588	3.500	ng		95
31) Naphthalene	10.762	128	42863	3.517	ng		98
32) Benzoic acid	9.945	122	4640m	1.605	ng		
33) 4-Chloroaniline	10.867	127	16328	3.405	ng		94
34) Hexachlorobutadiene	11.056	225	10525	3.383	ng		98
35) Caprolactam	11.602	113	4712	3.253	ng	#	89
36) 4-Chloro-3-methylphenol	11.990	107	13189	2.910	ng		90
37) 2-Methylnaphthalene	12.372	142	31199	3.301	ng		100
38) 1-Methylnaphthalene	12.589	142	30508	3.214	ng		95
40) 1,2,4,5-Tetrachloroben...	12.736	216	21844	3.604	ng	#	98
41) Hexachlorocyclopentadiene	12.718	237	5390	3.117	ng		94
43) 2,4,6-Trichlorophenol	12.977	196	12061m	3.139	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.053	196	13471	3.096	ng		88
46) 1,1'-Biphenyl	13.376	154	47174	3.508	ng		98
47) 2-Chloronaphthalene	13.417	162	37781	3.467	ng		99
48) 2-Nitroaniline	13.617	65	8902	3.106	ng		89
49) Acenaphthylene	14.264	152	58490	3.624	ng	#	95
50) Dimethylphthalate	13.993	163	51348	3.484	ng		98
51) 2,6-Dinitrotoluene	14.111	165	8494	3.047	ng		90
52) Acenaphthene	14.610	154	33770	3.347	ng		98
53) 3-Nitroaniline	14.440	138	8718	3.232	ng		89
54) 2,4-Dinitrophenol	14.657	184	2380	1.521	ng	#	86
55) Dibenzofuran	14.939	168	63762	3.685	ng		97
56) 4-Nitrophenol	14.757	139	6508	2.847	ng		95
57) 2,4-Dinitrotoluene	14.898	165	11433	3.006	ng	#	98
58) Fluorene	15.591	166	48527	3.574	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.168	232	14891	3.612	ng	#	95
60) Diethylphthalate	15.362	149	49640	3.398	ng		95
61) 4-Chlorophenyl-phenyle...	15.586	204	26604	3.413	ng		97
62) 4-Nitroaniline	15.597	138	9711	3.265	ng	#	79
63) Azobenzene	15.879	77	45694	3.331	ng		96
65) 4,6-Dinitro-2-methylph...	15.668	198	5929	2.362	ng		85
66) n-Nitrosodiphenylamine	15.797	169	44432	3.285	ng		96
67) 4-Bromophenyl-phenylether	16.479	248	18854	3.248	ng		91
68) Hexachlorobenzene	16.596	284	23240	3.380	ng	#	91
69) Atrazine	16.743	200	19351	4.213	ng		98
70) Pentachlorophenol	16.937	266	8664	1.967	ng		93
71) Phenanthrene	17.331	178	94354	3.594	ng		99
72) Anthracene	17.419	178	93509	3.622	ng		97
73) Carbazole	17.689	167	83043	3.499	ng		99
74) Di-n-butylphthalate	18.253	149	88153	3.294	ng		99
75) Fluoranthene	19.340	202	119344	3.594	ng		97
77) Benzidine	19.522	184	48699	4.203	ng		98
78) Pyrene	19.704	202	131227	3.211	ng		99
80) Butylbenzylphthalate	20.597	149	34114	2.842	ng		94
81) Benzo(a)anthracene	21.514	228	141501	3.490	ng		99
82) 3,3'-Dichlorobenzidine	21.432	252	44889	3.399	ng	#	99
83) Chrysene	21.578	228	138365	3.563	ng		97
84) Bis(2-ethylhexyl)phtha...	21.432	149	55048	3.019	ng		99
85) Di-n-octyl phthalate	22.595	149	87628	2.745	ng		97
87) Indeno(1,2,3-cd)pyrene	28.059	276	154850	3.350	ng	#	93
88) Benzo(b)fluoranthene	23.629	252	134996	3.390	ng		96
89) Benzo(k)fluoranthene	23.694	252	130992	3.363	ng		98
90) Benzo(a)pyrene	24.452	252	121529	3.455	ng		99
91) Dibenzo(a,h)anthracene	28.112	278	128386	3.371	ng		99
92) Benzo(g,h,i)perylene	29.123	276	120642	3.142	ng	#	94

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

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