Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090324\
Data File : BG062625.D
Acq On : 3 Sep 2024 14:29
Operator : MA/JU
Sample : P3390-07
Misc : LOD-MDL-WATER-8ng
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 04 04:56:05 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

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.926	152	55343	20.000	ng		0.00
21) Naphthalene-d8	10.716	136	243415	20.000	ng		0.00
39) Acenaphthene-d10	14.547	164	206797	20.000	ng		0.00
64) Phenanthrene-d10	17.291	188	546996	20.000	ng		0.00
76) Chrysene-d12	21.539	240	555068	20.000	ng		0.00
86) Perylene-d12	24.612	264	616642	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.505	112	419792	131.114	ng		0.00
7) Phenol-d6	7.091	99	581888	125.804	ng		0.00
23) Nitrobenzene-d5	9.077	82	418219	92.532	ng		0.00
42) 2,4,6-Tribromophenol	16.040	330	395050	135.743	ng		0.00
45) 2-Fluorobiphenyl	13.172	172	1128984	88.430	ng		0.00
79) Terphenyl-d14	19.911	244	2250042	80.377	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.407	88	12423	9.314	ng		99
3) Pyridine	3.807	79	30509	7.939	ng	#	92
4) n-Nitrosodimethylamine	3.719	42	16838	9.012	ng	#	94
6) Aniline	7.250	93	44247	10.239	ng		94
8) 2-Chlorophenol	7.491	128	28702	8.350	ng		92
9) Benzaldehyde	7.062	77	29759	11.061	ng		88
10) Phenol	7.115	94	38645	8.253	ng		96
11) bis(2-Chloroethyl)ether	7.344	93	30147	8.409	ng		97
12) 1,3-Dichlorobenzene	7.814	146	31839	8.441	ng		99
13) 1,4-Dichlorobenzene	7.961	146	31888	8.214	ng		99
14) 1,2-Dichlorobenzene	8.278	146	30944	8.109	ng		96
15) Benzyl Alcohol	8.161	79	27862	8.141	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.437	45	56811	8.315	ng		98
17) 2-Methylphenol	8.360	107	24437	7.487	ng		95
18) Hexachloroethane	9.001	117	11552	7.936	ng		97
19) n-Nitroso-di-n-propyla...	8.719	70	29494	8.092	ng	#	98
20) 3+4-Methylphenols	8.683	107	34663	7.199	ng		96
22) Acetophenone	8.736	105	54398	8.284	ng		96
24) Nitrobenzene	9.118	77	40836	8.498	ng		98
25) Isophorone	9.641	82	82698	8.335	ng		98
26) 2-Nitrophenol	9.829	139	14611	8.047	ng		95
27) 2,4-Dimethylphenol	9.888	122	32482m	12.209	ng		
28) bis(2-Chloroethoxy)met...	10.123	93	43748	8.237	ng		97
29) 2,4-Dichlorophenol	10.358	162	30409	8.175	ng		94
30) 1,2,4-Trichlorobenzene	10.581	180	36943	8.377	ng		96
31) Naphthalene	10.763	128	102237	8.474	ng		98
32) Benzoic acid	9.958	122	17452m	6.099	ng		
33) 4-Chloroaniline	10.869	127	42527	8.957	ng		96
34) Hexachlorobutadiene	11.057	225	26273	8.530	ng		93
35) Caprolactam	11.615	113	12132	8.460	ng		94
36) 4-Chloro-3-methylphenol	11.991	107	35816	7.982	ng		93
37) 2-Methylnaphthalene	12.373	142	76887	8.216	ng		96
38) 1-Methylnaphthalene	12.591	142	77768	8.276	ng		96
40) 1,2,4,5-Tetrachloroben...	12.743	216	52913	8.508	ng		99
41) Hexachlorocyclopentadiene	12.726	237	13512	7.615	ng		97
43) 2,4,6-Trichlorophenol	12.978	196	31784	8.062	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.055	196	33969	7.608	ng		94
46) 1,1'-Biphenyl	13.384	154	118599	8.596	ng		97
47) 2-Chloronaphthalene	13.419	162	93288	8.343	ng		94
48) 2-Nitroaniline	13.619	65	23701	8.059	ng		93
49) Acenaphthylene	14.271	152	149508	9.029	ng		97
50) Dimethylphthalate	14.001	163	128560	8.502	ng		99
51) 2,6-Dinitrotoluene	14.118	165	21576	7.544	ng		96
52) Acenaphthene	14.612	154	88872	8.586	ng		95
53) 3-Nitroaniline	14.447	138	22891	8.271	ng	#	99
54) 2,4-Dinitrophenol	14.653	184	8826	5.499	ng		87
55) Dibenzofuran	14.947	168	151289	8.523	ng		94
56) 4-Nitrophenol	14.753	139	17417	7.426	ng		87
57) 2,4-Dinitrotoluene	14.906	165	29343	7.519	ng		99
58) Fluorene	15.593	166	118542	8.509	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.170	232	35804	8.465	ng	#	97
60) Diethylphthalate	15.364	149	121190	8.086	ng		99
61) 4-Chlorophenyl-phenyle...	15.587	204	68218	8.530	ng		96
62) 4-Nitroaniline	15.605	138	24668	8.084	ng		92
63) Azobenzene	15.881	77	116894	8.306	ng		97
65) 4,6-Dinitro-2-methylph...	15.664	198	15677	6.422	ng		95
66) n-Nitrosodiphenylamine	15.805	169	107615	8.183	ng		97
67) 4-Bromophenyl-phenylether	16.480	248	47274	8.374	ng		93
68) Hexachlorobenzene	16.598	284	56558	8.460	ng		95
69) Atrazine	16.750	200	44726	10.013	ng		98
70) Pentachlorophenol	16.944	266	24057	5.618	ng		93
71) Phenanthrene	17.332	178	225995	8.852	ng		97
72) Anthracene	17.420	178	217625	8.669	ng		98
73) Carbazole	17.691	167	191849	8.313	ng		97
74) Di-n-butylphthalate	18.255	149	208929	8.028	ng		99
75) Fluoranthene	19.342	202	276028	8.548	ng		98
77) Benzidine	19.524	184	95773	9.573	ng		99
78) Pyrene	19.706	202	291737	8.268	ng		99
80) Butylbenzylphthalate	20.599	149	76002	7.333	ng		97
81) Benzo(a)anthracene	21.515	228	303048	8.656	ng		98
82) 3,3'-Dichlorobenzidine	21.439	252	103166	9.046	ng		97
83) Chrysene	21.580	228	289276	8.626	ng		98
84) Bis(2-ethylhexyl)phtha...	21.439	149	121329	7.706	ng	#	96
85) Di-n-octyl phthalate	22.602	149	204786	7.428	ng		99
87) Indeno(1,2,3-cd)pyrene	28.067	276	336751	8.517	ng	#	89
88) Benzo(b)fluoranthene	23.637	252	277275	8.141	ng		97
89) Benzo(k)fluoranthene	23.701	252	289519	8.690	ng		97
90) Benzo(a)pyrene	24.459	252	256257	8.516	ng		98
91) Dibenzo(a,h)anthracene	28.131	278	276420	8.486	ng		97
92) Benzo(g,h,i)perylene	29.148	276	258561	7.872	ng		98

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

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