Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
Data File : BG063161.D
Acq On : 4 Nov 2024 18:49
Operator : RC/JU
Sample : P4368-07
Misc : LOD-MDL-WATER-8 PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/05/2024
Supervised By :mohammad ahmed 11/06/2024

Quant Time: Nov 05 01:46:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 01 05:13:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	99042	20.000	ng		# 0.00
21) Naphthalene-d8	10.632	136	398884	20.000	ng		# 0.00
39) Acenaphthene-d10	14.474	164	312118	20.000	ng		0.00
64) Phenanthrene-d10	17.224	188	764516	20.000	ng		0.00
76) Chrysene-d12	21.472	240	852530	20.000	ng		-0.01
86) Perylene-d12	24.504	264	981341	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.438	112	726885	113.803	ng		0.00
7) Phenol-d6	7.019	99	1074705	128.400	ng		0.00
23) Nitrobenzene-d5	8.999	82	826994	90.172	ng		0.00
42) 2,4,6-Tribromophenol	15.973	330	668947	126.174	ng		0.00
45) 2-Fluorobiphenyl	13.094	172	1884680	89.435	ng		0.00
79) Terphenyl-d14	19.856	244	3798835	91.697	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	21990	8.762	ng		90
3) Pyridine	3.746	79	54003	8.914	ng	#	79
4) n-Nitrosodimethylamine	3.670	42	34420	9.146	ng	#	99
6) Aniline	7.171	93	84707	11.253	ng	#	85
8) 2-Chlorophenol	7.412	128	49432	8.333	ng		95
9) Benzaldehyde	6.989	77	58629	11.273	ng		84
10) Phenol	7.042	94	79565	8.873	ng		98
11) bis(2-Chloroethyl)ether	7.271	93	52042	8.605	ng	#	82
12) 1,3-Dichlorobenzene	7.729	146	57566	7.999	ng		89
13) 1,4-Dichlorobenzene	7.876	146	59065	8.051	ng		95
14) 1,2-Dichlorobenzene	8.194	146	57153	8.082	ng		93
15) Benzyl Alcohol	8.082	79	58594	8.712	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.358	45	106060	9.669	ng		97
17) 2-Methylphenol	8.288	107	48288	8.466	ng		88
18) Hexachloroethane	8.916	117	22460	8.555	ng		85
19) n-Nitroso-di-n-propyla...	8.640	70	57304	9.831	ng	#	97
20) 3+4-Methylphenols	8.611	107	65504	8.611	ng		87
22) Acetophenone	8.658	105	98554	9.220	ng	#	97
24) Nitrobenzene	9.040	77	84580	8.529	ng		98
25) Isophorone	9.557	82	138325	8.719	ng	#	93
26) 2-Nitrophenol	9.751	139	29908	8.200	ng		94
27) 2,4-Dimethylphenol	9.809	122	42231	9.418	ng	#	76
28) bis(2-Chloroethoxy)met...	10.039	93	77024	9.260	ng	#	91
29) 2,4-Dichlorophenol	10.285	162	58012	8.566	ng		98
30) 1,2,4-Trichlorobenzene	10.497	180	68707	8.248	ng		97
31) Naphthalene	10.679	128	181765	8.638	ng		96
32) Benzoic acid	9.950	122	9601m	2.457	ng		
33) 4-Chloroaniline	10.791	127	69007	9.718	ng		93
34) Hexachlorobutadiene	10.967	225	56167	8.193	ng		96
35) Caprolactam	11.537	113	17901	8.277	ng		95
36) 4-Chloro-3-methylphenol	11.919	107	64198	8.228	ng		93
37) 2-Methylnaphthalene	12.289	142	132086	8.849	ng		92
38) 1-Methylnaphthalene	12.512	142	117810	8.019	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.659	216	92786	8.273	ng		98
41) Hexachlorocyclopentadiene	12.647	237	30192	8.285	ng		96
43) 2,4,6-Trichlorophenol	12.906	196	54680	8.143	ng		88

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.982	196	59917	8.115	ng		92
46)	1,1'-Biphenyl	13.305	154	183548	8.664	ng		100
47)	2-Chloronaphthalene	13.352	162	146297	8.246	ng		95
48)	2-Nitroaniline	13.552	65	49427	7.938	ng		88
49)	Acenaphthylene	14.192	152	237425	9.480	ng		96
50)	Dimethylphthalate	13.928	163	194905	8.762	ng	#	97
51)	2,6-Dinitrotoluene	14.046	165	38566	8.120	ng		90
52)	Acenaphthene	14.539	154	132096	8.519	ng		89
53)	3-Nitroaniline	14.380	138	38812	8.607	ng		89
54)	2,4-Dinitrophenol	14.598	184	10309	3.559	ng	#	72
55)	Dibenzofuran	14.874	168	250183	9.151	ng		97
56)	4-Nitrophenol	14.698	139	23245	6.809	ng		98
57)	2,4-Dinitrotoluene	14.845	165	54443	8.015	ng		91
58)	Fluorene	15.526	166	191166	8.823	ng		91
59)	2,3,4,6-Tetrachlorophenol	15.103	232	54515	7.694	ng	#	94
60)	Diethylphthalate	15.297	149	194173	8.501	ng		94
61)	4-Chlorophenyl-phenyle...	15.520	204	116692	8.665	ng		97
62)	4-Nitroaniline	15.538	138	38760	7.791	ng	#	79
63)	Azobenzene	15.814	77	209971	8.888	ng		98
65)	4,6-Dinitro-2-methylph...	15.608	198	31592	6.427	ng		96
66)	n-Nitrosodiphenylamine	15.738	169	166809	8.746	ng		99
67)	4-Bromophenyl-phenylether	16.413	248	82374	8.792	ng		98
68)	Hexachlorobenzene	16.537	284	90318	8.321	ng		97
69)	Atrazine	16.684	200	78076	8.905	ng		90
70)	Pentachlorophenol	16.878	266	23154	4.288	ng		92
71)	Phenanthrene	17.265	178	344142	9.286	ng		96
72)	Anthracene	17.359	178	349413	9.605	ng		100
73)	Carbazole	17.630	167	295594	8.632	ng		97
74)	Di-n-butylphthalate	18.194	149	323061	8.309	ng		98
75)	Fluoranthene	19.287	202	436291	8.316	ng		98
77)	Benzidine	19.469	184	204598	15.576	ng	#	95
78)	Pyrene	19.645	202	459825	9.099	ng		99
80)	Butylbenzylphthalate	20.544	149	136264	8.368	ng		94
81)	Benzo(a)anthracene	21.455	228	503172	9.372	ng		94
82)	3,3'-Dichlorobenzidine	21.378	252	186346	9.362	ng		99
83)	Chrysene	21.519	228	459588	9.113	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.372	149	199416	8.442	ng		97
85)	Di-n-octyl phthalate	22.518	149	333314	8.434	ng		100
87)	Indeno(1,2,3-cd)pyrene	27.918	276	582941	8.851	ng	#	94
88)	Benzo(b)fluoranthene	23.546	252	481777	8.421	ng		95
89)	Benzo(k)fluoranthene	23.611	252	494430	9.058	ng		96
90)	Benzo(a)pyrene	24.363	252	454034	9.092	ng	#	97
91)	Dibenzo(a,h)anthracene	27.976	278	484488	8.812	ng	#	97
92)	Benzo(g,h,i)perylene	28.981	276	435824	8.020	ng		99

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

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