Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110424\
Data File : BG063155.D
Acq On : 4 Nov 2024 13:59
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-10 PPM
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 13:53:45 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

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.846	152	109486	20.000	ng		0.00
21) Naphthalene-d8	10.631	136	469376	20.000	ng	#	0.00
39) Acenaphthene-d10	14.474	164	359319	20.000	ng		0.00
64) Phenanthrene-d10	17.224	188	883268	20.000	ng		0.00
76) Chrysene-d12	21.478	240	997908	20.000	ng		0.00
86) Perylene-d12	24.503	264	1085621	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.432	112	730319	103.434	ng		0.00
7) Phenol-d6	7.018	99	1069875	115.629	ng		0.00
23) Nitrobenzene-d5	8.998	82	837896	77.640	ng		0.00
42) 2,4,6-Tribromophenol	15.972	330	683768	112.028	ng		0.00
45) 2-Fluorobiphenyl	13.099	172	1952500	80.482	ng		0.00
79) Terphenyl-d14	19.856	244	3719385	76.700	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	31709	11.429	ng		90
3) Pyridine	3.745	79	73310	10.946	ng	#	92
4) n-Nitrosodimethylamine	3.663	42	44941	10.803	ng	#	89
6) Aniline	7.177	93	120846	14.523	ng		96
8) 2-Chlorophenol	7.406	128	76031	11.595	ng		91
9) Benzaldehyde	6.983	77	81629m	14.198	ng		
10) Phenol	7.042	94	112893	11.389	ng		90
11) bis(2-Chloroethyl)ether	7.271	93	77602	11.608	ng		91
12) 1,3-Dichlorobenzene	7.735	146	84586	10.632	ng		90
13) 1,4-Dichlorobenzene	7.876	146	84274	10.391	ng		93
14) 1,2-Dichlorobenzene	8.199	146	83193	10.642	ng		93
15) Benzyl Alcohol	8.081	79	91740	12.339	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.364	45	147386	12.154	ng		98
17) 2-Methylphenol	8.281	107	66136	10.489	ng		96
18) Hexachloroethane	8.922	117	33481	11.536	ng		90
19) n-Nitroso-di-n-propyla...	8.640	70	72968	11.324	ng	#	87
20) 3+4-Methylphenols	8.610	107	89513	10.644	ng		98
22) Acetophenone	8.657	105	143055	11.374	ng	#	99
24) Nitrobenzene	9.039	77	125866	10.786	ng		96
25) Isophorone	9.556	82	206075	11.039	ng		97
26) 2-Nitrophenol	9.744	139	46754	10.894	ng	#	89
27) 2,4-Dimethylphenol	9.815	122	43148	8.178	ng		82
28) bis(2-Chloroethoxy)met...	10.038	93	109627	11.200	ng		93
29) 2,4-Dichlorophenol	10.285	162	81812	10.266	ng		87
30) 1,2,4-Trichlorobenzene	10.496	180	99690	10.171	ng		94
31) Naphthalene	10.684	128	255027	10.300	ng		95
32) Benzoic acid	9.932	122	45311m	9.854	ng		
33) 4-Chloroaniline	10.796	127	103287	12.361	ng		95
34) Hexachlorobutadiene	10.972	225	77888	9.655	ng		99
35) Caprolactam	11.530	113	28390	11.155	ng	#	74
36) 4-Chloro-3-methylphenol	11.918	107	88795	9.671	ng	#	91
37) 2-Methylnaphthalene	12.294	142	188624	10.739	ng		93
38) 1-Methylnaphthalene	12.512	142	176340	10.200	ng		94
40) 1,2,4,5-Tetrachloroben...	12.664	216	139031	10.768	ng		99
41) Hexachlorocyclopentadiene	12.647	237	34037	8.113	ng		88
43) 2,4,6-Trichlorophenol	12.905	196	82290	10.645	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.982	196	84015	9.885	ng		97
46) 1,1'-Biphenyl	13.305	154	273942	11.233	ng		94
47) 2-Chloronaphthalene	13.346	162	214243	10.490	ng		99
48) 2-Nitroaniline	13.552	65	79883	11.143	ng		98
49) Acenaphthylene	14.198	152	329041	11.412	ng		99
50) Dimethylphthalate	13.928	163	279132	10.900	ng	#	95
51) 2,6-Dinitrotoluene	14.051	165	59597	10.900	ng		92
52) Acenaphthene	14.544	154	194577	10.900	ng		92
53) 3-Nitroaniline	14.380	138	57480	11.073	ng	#	93
54) 2,4-Dinitrophenol	14.592	184	37646	11.289	ng		88
55) Dibenzofuran	14.879	168	349708	11.110	ng		97
56) 4-Nitrophenol	14.697	139	37000	9.414	ng		96
57) 2,4-Dinitrotoluene	14.844	165	77798	9.948	ng	#	96
58) Fluorene	15.526	166	275952	11.063	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.109	232	87663	10.748	ng		98
60) Diethylphthalate	15.297	149	289957	11.027	ng		96
61) 4-Chlorophenyl-phenyle...	15.520	204	172193	11.107	ng		95
62) 4-Nitroaniline	15.543	138	60747	10.606	ng		93
63) Azobenzene	15.814	77	317883	11.688	ng		98
65) 4,6-Dinitro-2-methylph...	15.608	198	60453	10.645	ng		88
66) n-Nitrosodiphenylamine	15.731	169	241940	10.980	ng		99
67) 4-Bromophenyl-phenylether	16.413	248	118066	10.907	ng		96
68) Hexachlorobenzene	16.530	284	133522	10.647	ng	#	95
69) Atrazine	16.683	200	111276	10.985	ng		93
70) Pentachlorophenol	16.883	266	51625	8.274	ng	#	91
71) Phenanthrene	17.271	178	486274	11.357	ng		100
72) Anthracene	17.359	178	470766	11.202	ng		98
73) Carbazole	17.629	167	427425	10.804	ng		96
74) Di-n-butylphthalate	18.193	149	479789	10.681	ng		98
75) Fluoranthene	19.286	202	631882	10.425	ng		99
77) Benzidine	19.468	184	175412	11.409	ng		98
78) Pyrene	19.650	202	656770	11.102	ng		99
80) Butylbenzylphthalate	20.543	149	201400	10.567	ng		98
81) Benzo(a)anthracene	21.454	228	693133	11.030	ng		96
82) 3,3'-Dichlorobenzidine	21.378	252	251880	10.811	ng	#	98
83) Chrysene	21.519	228	649649	11.005	ng		99
84) Bis(2-ethylhexyl)phtha...	21.372	149	295512	10.688	ng		99
85) Di-n-octyl phthalate	22.517	149	506423	10.947	ng		99
87) Indeno(1,2,3-cd)pyrene	27.923	276	817997	11.227	ng	#	95
88) Benzo(b)fluoranthene	23.546	252	710247	11.221	ng		98
89) Benzo(k)fluoranthene	23.610	252	676229	11.199	ng	#	96
90) Benzo(a)pyrene	24.357	252	645332	11.681	ng		99
91) Dibenzo(a,h)anthracene	27.976	278	682592	11.223	ng		98
92) Benzo(g,h,i)perylene	28.986	276	621669	10.341	ng		95

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

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