Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090924\
Data File : BG062689.D
Acq On : 9 Sep 2024 15:04
Operator : JU/RC
Sample : SSTD01053
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010439

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

Quant Time: Sep 10 01:02:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 00:41:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	60222	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	253917	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	201028	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.278	188	549934	20.000	ng/ul	0.00
79) Chrysene-d12	21.520	240	619866	20.000	ng/ul	0.00
88) Perylene-d12	24.587	264	660295	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.359	96	6091	4.553	ng/uL	0.00
4) Pyridine-d5	3.770	84	44527	10.500	ng/ul	0.00
7) Phenol-d5	7.072	99	50576	9.577	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.231	67	32874	10.383	ng/ul	0.00
11) 2-Chlorophenol-d4	7.437	132	39800	10.347	ng/ul	0.00
15) 4-Methylphenol-d8	8.606	113	42030	9.551	ng/ul	0.00
21) Nitrobenzene-d5	9.058	128	18796	10.357	ng/ul	0.00
24) 2-Nitrophenol-d4	9.781	143	20041	10.098	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	44900	10.388	ng/ul	0.00
31) 4-Chloroaniline-d4	10.827	131	63016	10.606	ng/ul	0.00
46) Dimethylphthalate-d6	13.935	166	171656	11.089	ng/ul	0.00
49) Acenaphthylene-d8	14.223	160	185415	10.784	ng/ul	0.00
54) 4-Nitrophenol-d4	14.728	143	27575	10.486	ng/ul	0.00
60) Fluorene-d10	15.521	176	154653	11.086	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	28548	9.025	ng/ul	0.00
73) Anthracene-d10	17.378	188	285206	10.989	ng/ul	0.00
81) Pyrene-d10	19.663	212	376432	10.792	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.376	264	375790	10.778	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.400	88	7362	4.931	ng/uL#	90
5) Pyridine	3.788	79	46527	10.460	ng/ul	95
6) Benzaldehyde	7.043	77	32020	11.129	ng/ul	97
8) Phenol	7.096	94	54288	9.890	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.325	93	43821	10.560	ng/ul	96
12) 2-Chlorophenol	7.472	128	39481	10.039	ng/ul	97
13) 2-Methylphenol	8.347	108	39305	9.548	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.424	45	76500	10.242	ng/ul	96
16) Acetophenone	8.723	105	70728	9.889	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.706	70	38326	10.236	ng/ul	96
18) 4-Methylphenol	8.671	108	44532	9.616	ng/ul	99
19) Hexachloroethane	8.988	117	17024	10.752	ng/ul	91
22) Nitrobenzene	9.099	77	51748	10.541	ng/ul#	95
23) Isophorone	9.622	82	106610	10.621	ng/ul	97
25) 2-Nitrophenol	9.810	139	22853	10.447	ng/ul	97
26) 2,4-Dimethylphenol	9.869	107	49307	10.549	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.104	93	60234	10.738	ng/ul	99
29) 2,4-Dichlorophenol	10.345	162	44981	10.566	ng/ul	97
30) Naphthalene	10.750	128	149461	10.978	ng/ul	99
32) 4-Chloroaniline	10.850	127	63092	10.678	ng/ul	94
33) Hexachlorobutadiene	11.038	225	38206	10.773	ng/ul	94
34) Caprolactam	11.602	113	16967m	10.902	ng/ul	
35) 4-Chloro-3-methylphenol	11.978	107	49112	10.575	ng/ul	95
36) 2-Methylnaphthalene	12.354	142	106740	10.623	ng/ul	95

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37) 1-Methylnaphthalene	12.572	142	110042	10.691	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.725	216	74808	10.824	ng/ul	98
40) Hexachlorocyclopentadiene	12.707	237	32460	9.179	ng/ul	96
41) 2,4,6-Trichlorophenol	12.965	196	43436	10.376	ng/ul	97
42) 2,4,5-Trichlorophenol	13.036	196	47097	10.479	ng/ul	94
43) 1,1'-Biphenyl	13.365	154	155212	10.979	ng/ul	99
44) 2-Chloronaphthalene	13.406	162	123226	10.720	ng/ul	99
45) 2-Nitroaniline	13.606	65	32257	10.226	ng/ul	94
47) Dimethylphthalate	13.982	163	178753	11.212	ng/ul	99
48) 2,6-Dinitrotoluene	14.099	165	29540	10.517	ng/ul	97
50) Acenaphthylene	14.252	152	199906	11.013	ng/ul	99
51) 3-Nitroaniline	14.434	138	29897	10.632	ng/ul	98
52) Acenaphthene	14.599	153	142095	11.052	ng/ul	95
53) 2,4-Dinitrophenol	14.640	184	14194	7.653	ng/ul	96
55) 4-Nitrophenol	14.740	109	24322	10.289	ng/ul	98
56) Dibenzofuran	14.934	168	210168	11.003	ng/ul	97
57) 2,4-Dinitrotoluene	14.893	165	46214	10.524	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.157	232	48291	10.602	ng/ul	96
59) Diethylphthalate	15.351	149	176880	11.247	ng/ul	98
61) Fluorene	15.580	166	166535	11.099	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.574	204	98648	11.208	ng/ul	98
63) 4-Nitroaniline	15.592	138	32945	10.887	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.656	198	29577	9.020	ng/ul#	97
67) N-Nitrosodiphenylamine	15.786	169	149133	10.574	ng/ul	96
68) 4-Bromophenyl-phenylether	16.473	248	68058	10.755	ng/ul	89
69) Hexachlorobenzene	16.585	284	76093	10.531	ng/ul#	94
70) Atrazine	16.738	200	70885	11.285	ng/ul	100
71) Pentachlorophenol	16.926	266	38829	8.985	ng/ul	95
72) Phenanthrene	17.319	178	315942	11.048	ng/ul	99
74) Anthracene	17.407	178	321808	11.038	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.330	216	78488	10.451	ng/ul	98
76) Pentachlorobenzene	14.851	250	87605	10.527	ng/ul	95
77) Carbazole	17.678	167	277772	11.489	ng/ul	96
78) Di-n-butylphthalate	18.242	149	320498	11.209	ng/ul	100
80) Fluoranthene	19.334	202	418920	10.844	ng/ul	98
82) Pyrene	19.693	202	456051	10.967	ng/ul	98
83) Butylbenzylphthalate	20.586	149	127208	10.304	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.426	252	148524	11.381	ng/ul	99
85) Benzo(a)anthracene	21.503	228	477110	11.067	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.426	149	189180	10.407	ng/ul	98
87) Chrysene	21.567	228	452481	11.063	ng/ul	99
89) Di-n-octyl phthalate	22.584	149	320749	10.443	ng/ul	100
90) Benzo(b)fluoranthene	23.618	252	433364	10.630	ng/ul	99
91) Benzo(k)fluoranthene	23.682	252	450159	10.784	ng/ul	99
93) Benzo(a)pyrene	24.440	252	416873	10.841	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.036	276	501274	10.581	ng/ul	98
95) Dibenzo(a,h)anthracene	28.095	278	403759	10.610	ng/ul	100
96) Benzo(g,h,i)perylene	29.105	276	381337	10.422	ng/ul	98

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

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