Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062802.D
Acq On : 14 Sep 2024 00:53
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020487

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 15 01:48:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	53448	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	249524	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	206218	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	525434	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	490014	20.000	ng/ul	0.00
88) Perylene-d12	24.586	264	553073	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	8021	6.784	ng/uL	0.00
4) Pyridine-d5	3.769	84	69676	18.513	ng/ul	0.00
7) Phenol-d5	7.071	99	81293	17.345	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	47542	16.919	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132	64297	18.834	ng/ul	0.00
15) 4-Methylphenol-d8	8.610	113	74308	19.026	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	34354	19.263	ng/ul	0.00
24) 2-Nitrophenol-d4	9.774	143	40808	20.923	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	88108	20.743	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	110618	18.946	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	293855	18.505	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	338175	19.174	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	46574	17.264	ng/ul	0.00
60) Fluorene-d10	15.526	176	269943	18.864	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.643	200	44316	14.663	ng/ul	0.00
73) Anthracene-d10	17.377	188	472941	19.072	ng/ul	0.00
81) Pyrene-d10	19.668	212	549887	19.942	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.374	264	554055	18.972	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	9846	7.430	ng/uL	94
5) Pyridine	3.787	79	74861	18.964	ng/ul	100
6) Benzaldehyde	7.042	77	53389m	20.719	ng/ul	
8) Phenol	7.100	94	84117	17.266	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.324	93	61234	16.626	ng/ul	98
12) 2-Chlorophenol	7.471	128	65972	18.900	ng/ul	96
13) 2-Methylphenol	8.346	108	71086	19.458	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.417	45	114916	17.335	ng/ul	96
16) Acetophenone	8.722	105	120615	19.001	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.704	70	63009	18.962	ng/ul#	88
18) 4-Methylphenol	8.669	108	80217	19.517	ng/ul	94
19) Hexachloroethane	8.981	117	29545	21.026	ng/ul	94
22) Nitrobenzene	9.098	77	90655	18.791	ng/ul	93
23) Isophorone	9.621	82	179303	18.178	ng/ul	98
25) 2-Nitrophenol	9.809	139	44890	20.883	ng/ul#	92
26) 2,4-Dimethylphenol	9.868	107	90306	19.660	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.103	93	99781	18.101	ng/ul	96
29) 2,4-Dichlorophenol	10.344	162	85315	20.393	ng/ul	96
30) Naphthalene	10.749	128	254381	19.013	ng/ul	99
32) 4-Chloroaniline	10.849	127	109029	18.777	ng/ul	99
33) Hexachlorobutadiene	11.031	225	74953	21.507	ng/ul	91
34) Caprolactam	11.607	113	29696m	19.260	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	94919	20.799	ng/ul	97
36) 2-Methylnaphthalene	12.353	142	195121	19.761	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.571	142	196727	19.450	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.723	216	141656	19.981	ng/ul	98
40) Hexachlorocyclopentadiene	12.706	237	56894	15.684	ng/ul	93
41) 2,4,6-Trichlorophenol	12.964	196	89223	20.778	ng/ul	99
42) 2,4,5-Trichlorophenol	13.035	196	97525	21.153	ng/ul	94
43) 1,1'-Biphenyl	13.364	154	273020	18.827	ng/ul	97
44) 2-Chloronaphthalene	13.405	162	225354	19.111	ng/ul	100
45) 2-Nitroaniline	13.605	65	63043	19.483	ng/ul	97
47) Dimethylphthalate	13.981	163	298134	18.230	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	57818	20.067	ng/ul	95
50) Acenaphthylene	14.251	152	349567	18.774	ng/ul	98
51) 3-Nitroaniline	14.427	138	56136	19.460	ng/ul#	98
52) Acenaphthene	14.598	153	249041	18.882	ng/ul	98
53) 2,4-Dinitrophenol	14.639	184	23788	12.503	ng/ul	93
55) 4-Nitrophenol	14.744	109	42329	17.456	ng/ul	95
56) Dibenzofuran	14.932	168	370589	18.914	ng/ul	98
57) 2,4-Dinitrotoluene	14.891	165	89110	19.781	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.156	232	94700	20.268	ng/ul	97
59) Diethylphthalate	15.350	149	293685	18.203	ng/ul	99
61) Fluorene	15.579	166	287969	18.709	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	173878	19.259	ng/ul	96
63) 4-Nitroaniline	15.596	138	59844	19.279	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.655	198	46316	14.784	ng/ul#	93
67) N-Nitrosodiphenylamine	15.784	169	261374	19.396	ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	120861	19.989	ng/ul	97
69) Hexachlorobenzene	16.583	284	139210	20.165	ng/ul	98
70) Atrazine	16.736	200	121312	20.213	ng/ul	99
71) Pentachlorophenol	16.930	266	61327m	14.852	ng/ul	
72) Phenanthrene	17.318	178	517993	18.957	ng/ul	100
74) Anthracene	17.412	178	521359	18.716	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.328	216	147394	20.541	ng/ul	97
76) Pentachlorobenzene	14.850	250	159184	20.020	ng/ul	96
77) Carbazole	17.676	167	434919	18.828	ng/ul	98
78) Di-n-butylphthalate	18.240	149	519509	19.016	ng/ul	100
80) Fluoranthene	19.333	202	622533	20.385	ng/ul	98
82) Pyrene	19.697	202	650806	19.797	ng/ul	98
83) Butylbenzylphthalate	20.585	149	219705	22.513	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.425	252	226269	21.933	ng/ul	99
85) Benzo(a)anthracene	21.507	228	667264	19.579	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.419	149	315857	21.981	ng/ul	98
87) Chrysene	21.566	228	624466	19.314	ng/ul	99
89) Di-n-octyl phthalate	22.576	149	541593	21.052	ng/ul	100
90) Benzo(b)fluoranthene	23.616	252	655606	19.199	ng/ul	99
91) Benzo(k)fluoranthene	23.681	252	631509	18.061	ng/ul	98
93) Benzo(a)pyrene	24.445	252	595642	18.494	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.041	276	793315	19.991	ng/ul	98
95) Dibenzo(a,h)anthracene	28.099	278	643661	20.194	ng/ul	99
96) Benzo(g,h,i)perylene	29.116	276	607220	19.813	ng/ul	99

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

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