Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062830.D
Acq On : 15 Sep 2024 3:52
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020490

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

Quant Time: Sep 15 05:46:57 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	7.900	152	46823	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	208456	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.527	164	181082	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	482783	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	530460	20.000	ng/ul	0.00
88) Perylene-d12	24.586	264	579076	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	7761	7.493	ng/uL	0.00
4) Pyridine-d5	3.769	84	56527	17.144	ng/ul	0.00
7) Phenol-d5	7.066	99	77643	18.910	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	44950	18.260	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	59249	19.811	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	70341	20.558	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	32287	21.671	ng/ul	0.00
24) 2-Nitrophenol-d4	9.774	143	39674	24.349	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	74711	21.055	ng/ul	0.00
31) 4-Chloroaniline-d4	10.826	131	92891	19.045	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	264869	18.994	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	298496	19.274	ng/ul	0.00
54) 4-Nitrophenol-d4	14.727	143	45964	19.403	ng/ul	0.00
60) Fluorene-d10	15.520	176	243697	19.394	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	56248	20.255	ng/ul	0.00
73) Anthracene-d10	17.371	188	442723	19.431	ng/ul	0.00
81) Pyrene-d10	19.663	212	559225	18.734	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.375	264	598184	19.563	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	8960	7.718	ng/uL	91
5) Pyridine	3.787	79	61085	17.663	ng/ul	98
6) Benzaldehyde	7.042	77	51916m	22.998	ng/ul	
8) Phenol	7.095	94	81873	19.183	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.324	93	57958	17.963	ng/ul	96
12) 2-Chlorophenol	7.465	128	62735	20.516	ng/ul	98
13) 2-Methylphenol	8.340	108	63078	19.709	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.417	45	108588	18.698	ng/ul	97
16) Acetophenone	8.717	105	113917	20.485	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.705	70	58282	20.021	ng/ul#	98
18) 4-Methylphenol	8.670	108	73735	20.478	ng/ul	94
19) Hexachloroethane	8.981	117	26379	21.429	ng/ul	91
22) Nitrobenzene	9.098	77	83956	20.830	ng/ul	96
23) Isophorone	9.615	82	166891	20.253	ng/ul	99
25) 2-Nitrophenol	9.809	139	40539	22.574	ng/ul	94
26) 2,4-Dimethylphenol	9.868	107	80714	21.034	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.103	93	91816	19.938	ng/ul	96
29) 2,4-Dichlorophenol	10.344	162	73085	20.912	ng/ul	95
30) Naphthalene	10.744	128	219138	19.606	ng/ul	99
32) 4-Chloroaniline	10.849	127	92875	19.146	ng/ul	97
33) Hexachlorobutadiene	11.031	225	63234	21.719	ng/ul	99
34) Caprolactam	11.595	113	25044m	19.443	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	80687	21.164	ng/ul	98
36) 2-Methylnaphthalene	12.353	142	167883	20.352	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.571	142	172224	20.382	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.724	216	126413	20.306	ng/ul	96
40) Hexachlorocyclopentadiene	12.700	237	70454	22.118	ng/ul	99
41) 2,4,6-Trichlorophenol	12.959	196	76935	20.403	ng/ul	97
42) 2,4,5-Trichlorophenol	13.035	196	85475	21.112	ng/ul	95
43) 1,1'-Biphenyl	13.364	154	240658	18.899	ng/ul	99
44) 2-Chloronaphthalene	13.405	162	196528	18.980	ng/ul	98
45) 2-Nitroaniline	13.605	65	59721	21.019	ng/ul	95
47) Dimethylphthalate	13.981	163	272891	19.003	ng/ul	100
48) 2,6-Dinitrotoluene	14.098	165	53918	21.311	ng/ul	94
50) Acenaphthylene	14.251	152	313529	19.175	ng/ul	100
51) 3-Nitroaniline	14.427	138	53597	21.159	ng/ul	92
52) Acenaphthene	14.592	153	221087	19.089	ng/ul	98
53) 2,4-Dinitrophenol	14.639	184	36515	21.857	ng/ul	94
55) 4-Nitrophenol	14.745	109	42086	19.765	ng/ul	93
56) Dibenzofuran	14.927	168	324643	18.869	ng/ul	100
57) 2,4-Dinitrotoluene	14.892	165	80314	20.304	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.156	232	86812	21.159	ng/ul	98
59) Diethylphthalate	15.350	149	265622	18.749	ng/ul	99
61) Fluorene	15.579	166	254669	18.842	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.567	204	157785	19.902	ng/ul	99
63) 4-Nitroaniline	15.597	138	56409	20.695	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.655	198	57785	20.074	ng/ul	96
67) N-Nitrosodiphenylamine	15.785	169	235297	19.004	ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	110295	19.853	ng/ul	97
69) Hexachlorobenzene	16.584	284	126418	19.930	ng/ul	100
70) Atrazine	16.731	200	110910	20.112	ng/ul	98
71) Pentachlorophenol	16.930	266	80990	21.347	ng/ul	98
72) Phenanthrene	17.318	178	480282	19.130	ng/ul	99
74) Anthracene	17.406	178	491973	19.222	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.329	216	129707	19.673	ng/ul	99
76) Pentachlorobenzene	14.851	250	142588	19.517	ng/ul	99
77) Carbazole	17.677	167	418004	19.694	ng/ul	99
78) Di-n-butylphthalate	18.241	149	479041	19.084	ng/ul	99
80) Fluoranthene	19.328	202	617893	18.690	ng/ul	98
82) Pyrene	19.692	202	659352	18.528	ng/ul	100
83) Butylbenzylphthalate	20.585	149	213210	20.182	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.419	252	241390	21.614	ng/ul	100
85) Benzo(a)anthracene	21.502	228	717335	19.443	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.419	149	316826	20.367	ng/ul	100
87) Chrysene	21.566	228	671792	19.193	ng/ul	99
89) Di-n-octyl phthalate	22.571	149	538011	19.974	ng/ul	100
90) Benzo(b)fluoranthene	23.617	252	703196	19.668	ng/ul	100
91) Benzo(k)fluoranthene	23.681	252	698560	19.082	ng/ul	97
93) Benzo(a)pyrene	24.439	252	656200	19.459	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.035	276	837011	20.145	ng/ul	98
95) Dibenzo(a,h)anthracene	28.094	278	675445	20.239	ng/ul	100
96) Benzo(g,h,i)perylene	29.116	276	639131	19.917	ng/ul	97

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

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