Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031822\
Data File : BG052695.D
Acq On : 17 Mar 2022 17:00
Operator : CG/JU
Sample : SSTD01015
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010415

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/21/2022
Supervised By :Yogesh Patel 03/24/2022

Quant Time: Mar 17 23:53:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG031822.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 17 23:52:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.155	152	37152	20.000	ng/ul	0.00
20) Naphthalene-d8	10.968	136	149487	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.769	164	107245	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.512	188	253534	20.000	ng/ul	0.00
79) Chrysene-d12	21.801	240	279194	20.000	ng/ul	0.00
88) Perylene-d12	25.126	264	281527	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.567	96	4339	4.581	ng/uL	0.00
4) Pyridine-d5	3.984	84	26271	9.195	ng/ul	0.00
7) Phenol-d5	7.291	99	34508	9.795	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.467	67	20671	10.040	ng/ul	0.00
11) 2-Chlorophenol-d4	7.679	132	22413	9.058	ng/ul	0.00
15) 4-Methylphenol-d8	8.842	113	24030	8.767	ng/ul	0.00
21) Nitrobenzene-d5	9.312	128	10475	8.220	ng/ul	0.00
24) 2-Nitrophenol-d4	10.034	143	10998	7.879	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	24345	9.353	ng/ul	0.00
31) 4-Chloroaniline-d4	11.080	131	33502	9.287	ng/ul	0.00
46) Dimethylphthalate-d6	14.170	166	81849	9.388	ng/ul	0.00
49) Acenaphthylene-d8	14.464	160	100829	9.368	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	13054	9.419	ng/ul	0.00
60) Fluorene-d10	15.756	176	73121	9.547	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.862	200	11212	6.974	ng/ul	0.00
73) Anthracene-d10	17.612	188	124638	10.176	ng/ul	0.00
81) Pyrene-d10	19.892	212	157730	9.655	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.891	264	145971	9.665	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.596	88	5903m	5.357	ng/uL	
5) Pyridine	4.007	79	28250m	9.793	ng/ul	
6) Benzaldehyde	7.279	77	24955	12.474	ng/ul	91
8) Phenol	7.320	94	32377	9.087	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.561	93	25680	9.744	ng/ul	91
12) 2-Chlorophenol	7.714	128	23181	8.992	ng/ul	94
13) 2-Methylphenol	8.583	108	25681	9.521	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.683	45	42315	11.731	ng/ul#	94
16) Acetophenone	8.971	105	40214	9.522	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.948	70	22417	9.017	ng/ul	92
18) 4-Methylphenol	8.901	108	27147	9.464	ng/ul	92
19) Hexachloroethane	9.247	117	10215	10.135	ng/ul	83
22) Nitrobenzene	9.353	77	32195	9.855	ng/ul#	88
23) Isophorone	9.882	82	61016	9.681	ng/ul#	93
25) 2-Nitrophenol	10.064	139	11272	7.684	ng/ul	97
26) 2,4-Dimethylphenol	10.123	107	30095	9.975	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.357	93	34030	9.976	ng/ul	97
29) 2,4-Dichlorophenol	10.604	162	25203	10.235	ng/ul	93
30) Naphthalene	11.015	128	83425	10.031	ng/ul	98
32) 4-Chloroaniline	11.109	127	33707	9.109	ng/ul	97
33) Hexachlorobutadiene	11.315	225	20577	10.590	ng/ul	95
34) Caprolactam	11.855	113	6176	6.742	ng/ul	91
35) 4-Chloro-3-methylphenol	12.214	107	26155	9.510	ng/ul	95
36) 2-Methylnaphthalene	12.613	142	57687	9.680	ng/ul	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.825	142	58320	9.617	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.972	216	36039	9.575	ng/ul	96
40) Hexachlorocyclopentadiene	12.960	237	23756	13.038	ng/ul	98
41) 2,4,6-Trichlorophenol	13.207	196	21533	9.540	ng/ul	98
42) 2,4,5-Trichlorophenol	13.271	196	23340	9.701	ng/ul	98
43) 1,1'-Biphenyl	13.606	154	78434	9.198	ng/ul	97
44) 2-Chloronaphthalene	13.653	162	62939	9.705	ng/ul	97
45) 2-Nitroaniline	13.835	65	16890	7.974	ng/ul	96
47) Dimethylphthalate	14.217	163	80947	9.498	ng/ul	99
48) 2,6-Dinitrotoluene	14.329	165	13411	7.186	ng/ul	93
50) Acenaphthylene	14.493	152	101438	9.432	ng/ul	97
51) 3-Nitroaniline	14.658	138	14782	9.726	ng/ul#	95
52) Acenaphthene	14.834	153	64622	9.136	ng/ul	98
53) 2,4-Dinitrophenol	14.857	184	6864	7.438	ng/ul#	83
55) 4-Nitrophenol	14.945	109	13752	10.231	ng/ul	97
56) Dibenzofuran	15.169	168	97005	9.540	ng/ul	98
57) 2,4-Dinitrotoluene	15.110	165	19935	7.374	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.386	232	20515	9.408	ng/ul#	96
59) Diethylphthalate	15.580	149	79034	9.174	ng/ul	96
61) Fluorene	15.815	166	80041	9.358	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.809	204	42411	9.111	ng/ul	98
63) 4-Nitroaniline	15.815	138	15719	10.772	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.874	198	10648	6.834	ng/ul	95
67) N-Nitrosodiphenylamine	16.015	169	71650	10.030	ng/ul	96
68) 4-Bromophenyl-phenylether	16.702	248	24725	8.125	ng/ul	96
69) Hexachlorobenzene	16.825	284	32852	9.409	ng/ul#	91
70) Atrazine	16.954	200	25950	8.243	ng/ul#	95
71) Pentachlorophenol	17.160	266	16787m	10.674	ng/ul	
72) Phenanthrene	17.554	178	137195	10.047	ng/ul	97
74) Anthracene	17.648	178	141311	10.282	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.577	216	38591	9.622	ng/uL	97
76) Pentachlorobenzene	15.086	250	36280	9.475	ng/uL	96
77) Carbazole	17.906	167	125421	10.275	ng/ul	98
78) Di-n-butylphthalate	18.470	149	144058	9.923	ng/ul	99
80) Fluoranthene	19.557	202	184696	9.576	ng/ul	98
82) Pyrene	19.921	202	186038	9.713	ng/ul	99
83) Butylbenzylphthalate	20.802	149	61849	8.932	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.689	252	62871	10.194	ng/ul	93
85) Benzo(a)anthracene	21.777	228	184393	9.747	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.689	149	84708	8.728	ng/ul	98
87) Chrysene	21.848	228	176390	9.725	ng/ul	99
89) Di-n-octyl phthalate	22.946	149	140180	8.611	ng/ul	100
90) Benzo(b)fluoranthene	24.062	252	183935	9.371	ng/ul	100
91) Benzo(k)fluoranthene	24.133	252	170952	9.442	ng/ul	95
93) Benzo(a)pyrene	24.967	252	175093	9.482	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.915	276	193400	9.211	ng/ul	99
95) Dibenzo(a,h)anthracene	28.985	278	167600	9.351	ng/ul	100
96) Benzo(g,h,i)perylene	30.095	276	164511m	9.332	ng/ul	

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

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