Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020322\
Data File : BG052300.D
Acq On : 4 Feb 2022 15:00
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020519

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/07/2022
Supervised By :Yogesh Patel 02/08/2022

Quant Time: Feb 04 23:18:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 31 18:07:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	35160	20.000	ng/ul	0.02
20) Naphthalene-d8	11.089	136	141932	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.890	164	100516	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.633	188	241169	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.951	240	248197	20.000	ng/ul	# 0.00
88) Perylene-d12	25.434	264	258998	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	8120	9.317	ng/uL	0.00
4) Pyridine-d5	3.998	84	62470	23.045	ng/ul	0.01
7) Phenol-d5	7.394	99	70606	22.077	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.558	67	44500	22.903	ng/ul	0.02
11) 2-Chlorophenol-d4	7.782	132	50300	22.570	ng/ul	0.02
15) 4-Methylphenol-d8	8.957	113	53312	21.967	ng/ul	0.02
21) Nitrobenzene-d5	9.426	128	25018	21.648	ng/ul	0.02
24) 2-Nitrophenol-d4	10.155	143	28310	22.418	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.701	165	54829	22.271	ng/ul	0.01
31) 4-Chloroaniline-d4	11.212	131	74290	23.790	ng/ul	0.01
46) Dimethylphthalate-d6	14.279	166	170773	21.614	ng/ul	0.01
49) Acenaphthylene-d8	14.584	160	218241	22.161	ng/ul	0.00
54) 4-Nitrophenol-d4	15.072	143	26218m	21.910	ng/ul	0.01
60) Fluorene-d10	15.877	176	155688	22.492	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	29335m	19.702	ng/ul	0.00
73) Anthracene-d10	17.733	188	252127	22.175	ng/ul	0.00
81) Pyrene-d10	20.012	212	315072	21.181	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.193	264	305734	22.220	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.611	88	8520	8.770	ng/uL#	89
5) Pyridine	4.022	79	64178	22.607	ng/ul	97
6) Benzaldehyde	7.370	77	32295	17.812	ng/ul	93
8) Phenol	7.423	94	70385	21.960	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.652	93	54101	22.337	ng/ul	97
12) 2-Chlorophenol	7.811	128	50492	21.948	ng/ul	93
13) 2-Methylphenol	8.692	108	51380	21.301	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.774	45	77043m	22.271	ng/ul	
16) Acetophenone	9.080	105	81895	21.759	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.056	70	48519	21.491	ng/ul	99
18) 4-Methylphenol	9.021	108	54888	21.599	ng/ul	93
19) Hexachloroethane	9.356	117	21324	21.523	ng/ul#	75
22) Nitrobenzene	9.468	77	72355	22.447	ng/ul	97
23) Isophorone	9.990	82	128436	21.534	ng/ul	97
25) 2-Nitrophenol	10.184	139	29432	21.319	ng/ul	94
26) 2,4-Dimethylphenol	10.237	107	62744	22.042	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.466	93	68999	21.570	ng/ul	99
29) 2,4-Dichlorophenol	10.725	162	50800	21.346	ng/ul	97
30) Naphthalene	11.142	128	168845	21.757	ng/ul	97
32) 4-Chloroaniline	11.242	127	74178	23.039	ng/ul	95
33) Hexachlorobutadiene	11.424	225	43538	22.427	ng/ul	95
34) Caprolactam	11.982	113	16648m	21.569	ng/ul	
35) 4-Chloro-3-methylphenol	12.352	107	55345	21.561	ng/ul	91
36) 2-Methylnaphthalene	12.734	142	119293	21.905	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.951	142	123054	21.964	ng/ul	92
39)	1,2,4,5-Tetrachloroben...	13.098	216	78214	21.618	ng/ul	98
40)	Hexachlorocyclopentadiene	13.074	237	38980	18.872	ng/ul	99
41)	2,4,6-Trichlorophenol	13.327	196	44206	20.463	ng/ul	95
42)	2,4,5-Trichlorophenol	13.403	196	50583	21.740	ng/ul	99
43)	1,1'-Biphenyl	13.727	154	168344	21.363	ng/ul#	95
44)	2-Chloronaphthalene	13.774	162	131426	21.798	ng/ul	95
45)	2-Nitroaniline	13.961	65	42809	21.087	ng/ul	92
47)	Dimethylphthalate	14.326	163	165100	21.559	ng/ul	98
48)	2,6-Dinitrotoluene	14.449	165	36061	21.827	ng/ul	89
50)	Acenaphthylene	14.614	152	212826	21.561	ng/ul	96
51)	3-Nitroaniline	14.778	138	24036	17.001	ng/ul#	90
52)	Acenaphthene	14.954	153	138793	21.449	ng/ul	95
53)	2,4-Dinitrophenol	14.990	184	13647	15.907	ng/ul#	85
55)	4-Nitrophenol	15.089	109	27071	21.584	ng/ul	92
56)	Dibenzofuran	15.283	168	199607	21.305	ng/ul	99
57)	2,4-Dinitrotoluene	15.236	165	52325	22.094	ng/ul	92
58)	2,3,4,6-Tetrachlorophenol	15.506	232	42808	21.018	ng/ul	91
59)	Diethylphthalate	15.683	149	166432	21.433	ng/ul	97
61)	Fluorene	15.929	166	166677	21.438	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.918	204	90655	21.201	ng/ul	93
63)	4-Nitroaniline	15.941	138	17574m	12.810	ng/ul	
66)	4,6-Dinitro-2-methylph...	16.006	198	27855	19.643	ng/ul#	85
67)	N-Nitrosodiphenylamine	16.129	169	143581	21.716	ng/ul	96
68)	4-Bromophenyl-phenylether	16.811	248	63598	21.845	ng/ul#	89
69)	Hexachlorobenzene	16.946	284	71015	21.705	ng/ul#	87
70)	Atrazine	17.069	200	63596	21.802	ng/ul	96
71)	Pentachlorophenol	17.286	266	28745	18.323	ng/ul	90
72)	Phenanthrene	17.680	178	277153	21.814	ng/ul	97
74)	Anthracene	17.768	178	277126	22.100	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.697	216	81998	20.366	ng/uL	98
76)	Pentachlorobenzene	15.207	250	83106	22.374	ng/uL	97
77)	Carbazole	18.032	167	249024	22.784	ng/ul	98
78)	Di-n-butylphthalate	18.573	149	292100	22.282	ng/ul	100
80)	Fluoranthene	19.677	202	368301	21.025	ng/ul#	90
82)	Pyrene	20.041	202	356265	20.775	ng/ul#	89
83)	Butylbenzylphthalate	20.905	149	130263	21.715	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.833	252	116296	21.882	ng/ul#	97
85)	Benzo(a)anthracene	21.933	228	365189	21.876	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.810	149	181026	21.052	ng/ul#	99
87)	Chrysene	22.004	228	342612	21.722	ng/ul	98
89)	Di-n-octyl phthalate	23.108	149	308931	21.024	ng/ul	100
90)	Benzo(b)fluoranthene	24.324	252	383549	21.356	ng/ul#	95
91)	Benzo(k)fluoranthene	24.394	252	362172	22.041	ng/ul#	97
93)	Benzo(a)pyrene	25.270	252	359258	21.448	ng/ul#	95
94)	Indeno(1,2,3-cd)pyrene	29.446	276	421552	22.593	ng/ul#	92
95)	Dibenzo(a,h)anthracene	29.511	278	357829	23.129	ng/ul#	93
96)	Benzo(g,h,i)perylene	30.698	276	350009	22.037	ng/ul#	92

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

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