Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042823\
Data File : BG057224.D
Acq On : 28 Apr 2023 19:29
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 29 01:11:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 23:37:02 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020465

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/01/2023
Supervised By :Jagrut Upadhyay 05/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	14225	20.000	ng/ul	0.00
20) Naphthalene-d8	11.215	136	60856	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.992	164	49842	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.730	188	128814	20.000	ng/ul	0.00
79) Chrysene-d12	22.036	240	117189	20.000	ng/ul	0.00
88) Perylene-d12	25.543	264	123009	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.655	96	2627	8.127	ng/uL	0.00
4) Pyridine-d5	4.095	84	21613	21.208	ng/ul	0.00
7) Phenol-d5	7.514	99	27593	20.511	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.679	67	16278	20.573	ng/ul	0.00
11) 2-Chlorophenol-d4	7.902	132	18686	21.078	ng/ul	0.00
15) 4-Methylphenol-d8	9.077	113	21998	21.515	ng/ul	0.00
21) Nitrobenzene-d5	9.553	128	10541	21.750	ng/ul	0.00
24) 2-Nitrophenol-d4	10.281	143	11908	21.054	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.827	165	24133	22.116	ng/ul	0.00
31) 4-Chloroaniline-d4	11.344	131	33431	23.116	ng/ul	0.00
46) Dimethylphthalate-d6	14.376	166	85176	21.567	ng/ul	0.00
49) Acenaphthylene-d8	14.687	160	94466	21.282	ng/ul	0.00
54) 4-Nitrophenol-d4	15.169	143	12219m	21.255	ng/ul	0.00
60) Fluorene-d10	15.973	176	79832	21.699	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.085	200	15628	20.477	ng/ul	0.00
73) Anthracene-d10	17.824	188	128467	21.849	ng/ul	0.00
81) Pyrene-d10	20.091	212	152199	21.880	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.296	264	132879	21.203	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.696	88	3135	9.145	ng/uL#	92
5) Pyridine	4.119	79	22937	21.351	ng/ul	91
6) Benzaldehyde	7.503	77	8079	19.663	ng/ul	91
8) Phenol	7.544	94	27746	20.463	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.779	93	21052	20.745	ng/ul	94
12) 2-Chlorophenol	7.937	128	19961	21.436	ng/ul	98
13) 2-Methylphenol	8.807	108	20951	19.938	ng/ul#	79
14) 2,2'-oxybis(1-Chloropr...	8.895	45	26974	20.616	ng/ul#	97
16) Acetophenone	9.206	105	38021	21.610	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.177	70	21561	21.326	ng/ul#	91
18) 4-Methylphenol	9.141	108	23351	20.530	ng/ul	95
19) Hexachloroethane	9.476	117	7855	20.162	ng/ul#	88
22) Nitrobenzene	9.594	77	31439	21.785	ng/ul#	96
23) Isophorone	10.117	82	60760	22.129	ng/ul	98
25) 2-Nitrophenol	10.316	139	12756	22.267	ng/ul#	89
26) 2,4-Dimethylphenol	10.357	107	28319	21.791	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.592	93	30990	21.713	ng/ul	96
29) 2,4-Dichlorophenol	10.851	162	23325	22.520	ng/ul	99
30) Naphthalene	11.268	128	72159	21.596	ng/ul	99
32) 4-Chloroaniline	11.368	127	34174	22.678	ng/ul	95
33) Hexachlorobutadiene	11.538	225	19566	22.273	ng/ul	97
34) Caprolactam	12.108	113	7752m	22.233	ng/ul	
35) 4-Chloro-3-methylphenol	12.461	107	26062	21.869	ng/ul	97
36) 2-Methylnaphthalene	12.842	142	52365	21.370	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.060	142	53930	21.888	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.207	216	38674	21.352	ng/ul	95
40) Hexachlorocyclopentadiene	13.177	237	16056	17.764	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.436	196	22619	21.442	ng/ul	94
42) 2,4,5-Trichlorophenol	13.512	196	24517	21.647	ng/ul	91
43) 1,1'-Biphenyl	13.829	154	80031	21.043	ng/ul	97
44) 2-Chloronaphthalene	13.876	162	62683	21.257	ng/ul	95
45) 2-Nitroaniline	14.070	65	20010	22.478	ng/ul	98
47) Dimethylphthalate	14.423	163	86161	21.725	ng/ul	99
48) 2,6-Dinitrotoluene	14.552	165	17807	21.817	ng/ul	97
50) Acenaphthylene	14.716	152	95783	21.235	ng/ul	99
51) 3-Nitroaniline	14.887	138	11588	20.038	ng/ul	85
52) Acenaphthene	15.051	153	67078	20.872	ng/ul	99
53) 2,4-Dinitrophenol	15.098	184	8757	20.147	ng/ul	95
55) 4-Nitrophenol	15.186	109	14069	21.589	ng/ul	97
56) Dibenzofuran	15.386	168	99128	21.359	ng/ul	98
57) 2,4-Dinitrotoluene	15.339	165	26613	22.777	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.609	232	22794	22.149	ng/ul#	97
59) Diethylphthalate	15.768	149	86980	21.587	ng/ul	98
61) Fluorene	16.032	166	83944	21.390	ng/ul	97
62) 4-Chlorophenyl-phenyle...	16.009	204	50314	21.966	ng/ul	98
63) 4-Nitroaniline	16.038	138	10362m	18.921	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.103	198	16366	21.044	ng/ul#	93
67) N-Nitrosodiphenylamine	16.220	169	71425	21.227	ng/ul	97
68) 4-Bromophenyl-phenylether	16.902	248	33109	21.505	ng/ul	93
69) Hexachlorobenzene	17.031	284	35144	21.677	ng/ul	96
70) Atrazine	17.154	200	32452	21.700	ng/ul	99
71) Pentachlorophenol	17.377	266	14774m	19.714	ng/ul	
72) Phenanthrene	17.771	178	143802	21.437	ng/ul	99
74) Anthracene	17.859	178	146553	21.750	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.800	216	41154	21.241	ng/uL	95
76) Pentachlorobenzene	15.304	250	42483	21.542	ng/uL	99
77) Carbazole	18.123	167	124059	22.031	ng/ul	99
78) Di-n-butylphthalate	18.646	149	142367	22.109	ng/ul	99
80) Fluoranthene	19.757	202	178845	21.644	ng/ul	99
82) Pyrene	20.121	202	180759	21.609	ng/ul	97
83) Butylbenzylphthalate	20.973	149	57409	21.431	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.912	252	58573	22.505	ng/ul#	97
85) Benzo(a)anthracene	22.018	228	179252	21.627	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.865	149	83519	21.437	ng/ul	96
87) Chrysene	22.089	228	165936	21.220	ng/ul	98
89) Di-n-octyl phthalate	23.164	149	141322	20.805	ng/ul	100
90) Benzo(b)fluoranthene	24.421	252	183283	21.516	ng/ul	98
91) Benzo(k)fluoranthene	24.491	252	175513	21.179	ng/ul	100
93) Benzo(a)pyrene	25.378	252	156218	21.243	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.596	276	194862	21.197	ng/ul	100
95) Dibenzo(a,h)anthracene	29.649	278	162281	21.289	ng/ul#	95
96) Benzo(g,h,i)perylene	30.853	276	157384m	21.154	ng/ul	

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

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