Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
Data File : BG059343.D
Acq On : 7 Oct 2023 15:13
Operator : MA/JU
Sample : SSTD16043
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160405

Quant Time: Oct 07 15:49:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 07 15:22:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	56744	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.075	136	289739	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.870	164	181638	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.620	188	417734	20.000	ng/ul	0.00
79) Chrysene-d12	21.927	240	359630	20.000	ng/ul	0.01
88) Perylene-d12	25.417	264	431021	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.525	96	77200	55.683	ng/uL	0.00
4) Pyridine-d5	3.965	84	660412	160.069	ng/ul	0.00
7) Phenol-d5	7.367	99	946257	167.380	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.561	67	509399	158.681	ng/ul	0.01
11) 2-Chlorophenol-d4	7.755	132	679999	169.845	ng/ul	0.00
15) 4-Methylphenol-d8	8.942	113	727737	167.959	ng/ul	0.02
21) Nitrobenzene-d5	9.441	128	368267	160.198	ng/ul	0.01
24) 2-Nitrophenol-d4	10.158	143	409507	160.663	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.687	165	723800	157.586	ng/ul	0.01
31) 4-Chloroaniline-d4	11.233	131	1062440	151.633	ng/ul	0.02
46) Dimethylphthalate-d6	14.271	166	2072561	151.368	ng/ul	0.01
49) Acenaphthylene-d8	14.577	160	2525305	151.768	ng/ul	0.01
54) 4-Nitrophenol-d4	15.088	143	411057	167.046	ng/ul	0.03
60) Fluorene-d10	15.863	176	1946233	150.231	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.993	200	423717	165.484	ng/ul	0.03
73) Anthracene-d10	17.726	188	2746251	142.641	ng/ul	0.01
81) Pyrene-d10	20.000	212	2925662	140.650	ng/ul	0.01
92) Benzo(a)pyrene-d12	25.194	264	3179060	150.669	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.566	88	83361	52.482	ng/uL	96
5) Pyridine	3.983	79	668090	163.944	ng/ul	94
6) Benzaldehyde	7.379	77	256125	127.636	ng/ul	94
8) Phenol	7.397	94	925154	167.626	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.655	93	686093	159.297	ng/ul	95
12) 2-Chlorophenol	7.790	128	695337	170.938	ng/ul#	95
13) 2-Methylphenol	8.666	108	683112	166.001	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.754	45	1399558	155.803	ng/ul	99
16) Acetophenone	9.089	105	1058514	159.209	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.071	70	520939	159.182	ng/ul#	92
18) 4-Methylphenol	9.012	108	755047	167.985	ng/ul	98
19) Hexachloroethane	9.312	117	250487	152.105	ng/ul	96
22) Nitrobenzene	9.488	77	782479	157.362	ng/ul	93
23) Isophorone	10.005	82	1597337	147.306	ng/ul	98
25) 2-Nitrophenol	10.193	139	410956	156.576	ng/ul	93
26) 2,4-Dimethylphenol	10.217	107	754583	151.309	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.475	93	968751	147.367	ng/ul	99
29) 2,4-Dichlorophenol	10.716	162	704942	158.300	ng/ul	97
30) Naphthalene	11.134	128	2314229	147.605	ng/ul	99
32) 4-Chloroaniline	11.257	127	1009123	150.256	ng/ul	98
33) Hexachlorobutadiene	11.357	225	417823	152.147	ng/ul	97
34) Caprolactam	12.197	113	33924	21.110	ng/ul	86
35) 4-Chloro-3-methylphenol	12.344	107	722301	149.004	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.714	142	1538612	146.682	ng/ul	92
37) 1-Methylnaphthalene	12.931	142	1597013	147.549	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.061	216	821056	158.384	ng/ul	98
40) Hexachlorocyclopentadiene	13.008	237	541054	171.901	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.307	196	561875	163.285	ng/ul	96
42) 2,4,5-Trichlorophenol	13.384	196	599361	158.029	ng/ul	96
43) 1,1'-Biphenyl	13.707	154	2167367	153.202	ng/ul	99
44) 2-Chloronaphthalene	13.766	162	1692511	157.323	ng/ul	97
45) 2-Nitroaniline	13.989	65	577498	168.381	ng/ul	96
47) Dimethylphthalate	14.324	163	2068360	149.271	ng/ul	99
48) 2,6-Dinitrotoluene	14.471	165	453511	165.238	ng/ul	94
50) Acenaphthylene	14.606	152	2656287	149.695	ng/ul	96
51) 3-Nitroaniline	14.812	138	408186	152.321	ng/ul	96
52) Acenaphthene	14.941	153	1838310	151.642	ng/ul	98
53) 2,4-Dinitrophenol	15.005	184	320038	206.266	ng/ul	98
55) 4-Nitrophenol	15.105	109	279919	165.645	ng/ul	93
56) Dibenzofuran	15.270	168	2412770	147.431	ng/ul	95
57) 2,4-Dinitrotoluene	15.252	165	638672	157.559	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.481	232	549039	153.528	ng/ul#	90
59) Diethylphthalate	15.663	149	1985800	146.146	ng/ul	98
61) Fluorene	15.922	166	2019515	146.081	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.899	204	996385	141.888	ng/ul	95
63) 4-Nitroaniline	15.993	138	366819	158.915	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	16.010	198	439421	160.933	ng/ul#	94
67) N-Nitrosodiphenylamine	16.122	169	1670862	149.581	ng/ul	98
68) 4-Bromophenyl-phenylether	16.797	248	609667	142.963	ng/ul	92
69) Hexachlorobenzene	16.891	284	670062	139.087	ng/ul	94
70) Atrazine	17.062	200	660679	150.324	ng/ul	98
71) Pentachlorophenol	17.244	266	469449	173.206	ng/ul	96
72) Phenanthrene	17.667	178	3233306	140.741	ng/ul	97
74) Anthracene	17.761	178	3277704	138.478	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.672	216	859938	162.478	ng/uL	94
76) Pentachlorobenzene	15.170	250	825454	150.243	ng/uL	95
77) Carbazole	18.037	167	2899005	151.413	ng/ul	98
78) Di-n-butylphthalate	18.537	149	3202050	138.586	ng/ul#	97
80) Fluoranthene	19.659	202	3514917	136.675	ng/ul#	95
82) Pyrene	20.029	202	3563301	133.177	ng/ul	96
83) Butylbenzylphthalate	20.875	149	1518503	153.454	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.821	252	1125718	133.807	ng/ul	94
85) Benzo(a)anthracene	21.909	228	3673745	141.977	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.727	149	2202881	147.136	ng/ul	98
87) Chrysene	21.985	228	3406464	140.585	ng/ul	97
89) Di-n-octyl phthalate	23.025	149	3782732	147.202	ng/ul	100
90) Benzo(b)fluoranthene	24.300	252	3908115	147.764	ng/ul	99
91) Benzo(k)fluoranthene	24.377	252	3926448	145.229	ng/ul	97
93) Benzo(a)pyrene	25.282	252	3737108	148.030	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.488	276	2350539	80.937	ng/ul	94
95) Dibenzo(a,h)anthracene	29.582	278	3614285	151.218	ng/ul	99
96) Benzo(g,h,i)perylene	30.799	276	3548631	152.374	ng/ul	96

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

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