Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102723\
Data File : BG059508.D
Acq On : 27 Oct 2023 12:43
Operator : MA/JU
Sample : SSTD01062
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010435

Quant Time: Oct 27 14:29:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 27 14:24:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.365	152	73333	20.000	ng/ul	0.00
20) Naphthalene-d8	11.214	136	347885	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.992	164	210372	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.742	188	458919	20.000	ng/ul	0.00
79) Chrysene-d12	22.078	240	405843	20.000	ng/ul	0.00
88) Perylene-d12	25.697	264	437350	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.659	96	6149	1.881	ng/uL	0.00
4) Pyridine-d5	4.093	84	56530	7.215	ng/ul	0.00
7) Phenol-d5	7.466	99	73834	6.786	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.683	67	35555	6.752	ng/ul	0.00
11) 2-Chlorophenol-d4	7.877	132	55512	5.827	ng/ul	0.00
15) 4-Methylphenol-d8	9.035	113	55206	6.346	ng/ul	0.00
21) Nitrobenzene-d5	9.563	128	21680	6.137	ng/ul	0.00
24) 2-Nitrophenol-d4	10.280	143	22306	6.220	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.803	165	51218	5.982	ng/ul	0.00
31) 4-Chloroaniline-d4	11.350	131	91450	6.873	ng/ul	0.00
46) Dimethylphthalate-d6	14.387	166	168879	6.011	ng/ul	0.00
49) Acenaphthylene-d8	14.693	160	206780	6.218	ng/ul	0.00
54) 4-Nitrophenol-d4	15.145	143	27095	6.353	ng/ul	0.00
60) Fluorene-d10	15.979	176	150982	6.289	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	18427	6.724	ng/ul	0.00
73) Anthracene-d10	17.842	188	236069	6.438	ng/ul	0.00
81) Pyrene-d10	20.110	212	266376	6.254	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.445	264	243930	6.123	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.700	88	8511	2.558	ng/uL#	97
5) Pyridine	4.117	79	52400	6.642	ng/ul#	81
6) Benzaldehyde	7.507	77	39743	8.527	ng/ul	95
8) Phenol	7.495	94	68446	6.581	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.777	93	51287	6.650	ng/ul	98
12) 2-Chlorophenol	7.907	128	54142	5.717	ng/ul#	88
13) 2-Methylphenol	8.776	108	57560	6.664	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.876	45	50150	6.667	ng/ul#	91
16) Acetophenone	9.205	105	97283	7.221	ng/ul	87
17) N-Nitroso-di-n-propyla...	9.170	70	39692	5.778	ng/ul#	90
18) 4-Methylphenol	9.105	108	60692	6.658	ng/ul	93
19) Hexachloroethane	9.452	117	24092	6.665	ng/ul#	87
22) Nitrobenzene	9.605	77	43473	5.560	ng/ul	96
23) Isophorone	10.116	82	123461	5.897	ng/ul#	93
25) 2-Nitrophenol	10.321	139	21824	5.602	ng/ul	90
26) 2,4-Dimethylphenol	10.339	107	68102	6.183	ng/ul#	83
27) Bis(2-Chloroethoxy)met...	10.598	93	71390	6.070	ng/ul	98
29) 2,4-Dichlorophenol	10.833	162	46326	5.616	ng/ul#	85
30) Naphthalene	11.261	128	205957	6.300	ng/ul#	97
32) 4-Chloroaniline	11.379	127	82959	6.567	ng/ul	95
33) Hexachlorobutadiene	11.496	225	29655	6.458	ng/ul	87
34) Caprolactam	12.260	113	140	0.051	ng/ul	86
35) 4-Chloro-3-methylphenol	12.437	107	61051	5.981	ng/ul	91
36) 2-Methylnaphthalene	12.842	142	138156	6.188	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.059	142	138116	6.137	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.183	216	55317	6.212	ng/ul#	96
40) Hexachlorocyclopentadiene	13.136	237	29713	6.362	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.418	196	37384	6.182	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.418	196	33961	5.249	ng/ul	91
43) 1,1'-Biphenyl	13.829	154	175959	6.355	ng/ul	98
44) 2-Chloronaphthalene	13.882	162	135738	6.283	ng/ul	94
45) 2-Nitroaniline	14.088	65	19993	4.918	ng/ul	95
47) Dimethylphthalate	14.434	163	177664	6.327	ng/ul	97
48) 2,6-Dinitrotoluene	14.575	165	21004	5.115	ng/ul#	84
50) Acenaphthylene	14.722	152	237014	6.358	ng/ul	99
51) 3-Nitroaniline	14.904	138	30210	6.709	ng/ul#	73
52) Acenaphthene	15.057	153	156693	6.387	ng/ul	97
53) 2,4-Dinitrophenol	15.104	184	12537	6.259	ng/ul#	61
55) 4-Nitrophenol	15.163	109	25487	5.562	ng/ul	98
56) Dibenzofuran	15.386	168	196797	6.171	ng/ul	94
57) 2,4-Dinitrotoluene	15.345	165	30167	5.108	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.592	232	32754	6.386	ng/ul#	91
59) Diethylphthalate	15.780	149	190175	6.149	ng/ul	95
61) Fluorene	16.038	166	175072	6.464	ng/ul	96
62) 4-Chlorophenyl-phenyle...	16.015	204	76911	6.541	ng/ul#	84
63) 4-Nitroaniline	16.068	138	33409	7.463	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	16.091	198	17945	6.183	ng/ul#	87
67) N-Nitrosodiphenylamine	16.238	169	151401	6.528	ng/ul	96
68) 4-Bromophenyl-phenylether	16.920	248	45951	7.247	ng/ul	96
69) Hexachlorobenzene	17.008	284	49688	6.331	ng/ul	88
70) Atrazine	17.166	200	46903	6.868	ng/ul	95
71) Pentachlorophenol	17.360	266	23750	5.830	ng/ul#	86
72) Phenanthrene	17.789	178	282251	6.596	ng/ul	98
74) Anthracene	17.877	178	289556	6.651	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.788	216	57160	6.289	ng/uL	90
76) Pentachlorobenzene	15.280	250	53469	6.119	ng/uL	94
77) Carbazole	18.147	167	262982	7.227	ng/ul	96
78) Di-n-butylphthalate	18.670	149	326860	6.432	ng/ul	99
80) Fluoranthene	19.775	202	317263	6.194	ng/ul#	95
82) Pyrene	20.139	202	341686	6.509	ng/ul#	95
83) Butylbenzylphthalate	21.015	149	145794	5.975	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.972	252	110835	7.734	ng/ul	99
85) Benzo(a)anthracene	22.055	228	323484	6.573	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.914	149	217773	5.853	ng/ul	99
87) Chrysene	22.131	228	295070	6.368	ng/ul	97
89) Di-n-octyl phthalate	23.271	149	368139	6.624	ng/ul	100
90) Benzo(b)fluoranthene	24.522	252	295360	5.996	ng/ul	100
91) Benzo(k)fluoranthene	24.605	252	298212	6.180	ng/ul	99
93) Benzo(a)pyrene	25.521	252	281191	6.170	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	29.863	276	131609	2.288	ng/ul	94
95) Dibenzo(a,h)anthracene	29.969	278	137596	2.953	ng/ul	94
96) Benzo(g,h,i)perylene	31.197	276	337887	7.391	ng/ul#	93

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

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