Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101223\
Data File : BG059435.D
Acq On : 12 Oct 2023 14:21
Operator : MA/JU
Sample : SSTD04046
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD040409

Quant Time: Oct 12 16:46:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101223.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 14:55:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.219	152	32943	20.000	ng/ul	0.00
20) Naphthalene-d8	11.057	136	158997	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.853	164	98862	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.608	188	234374	20.000	ng/ul	0.00
79) Chrysene-d12	21.915	240	239619	20.000	ng/ul	0.00
88) Perylene-d12	25.387	264	272972	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.513	96	18364	21.450	ng/uL	0.00
4) Pyridine-d5	3.948	84	127443	55.576	ng/ul	0.00
7) Phenol-d5	7.350	99	163063	53.757	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.538	67	87181	49.690	ng/ul	0.00
11) 2-Chlorophenol-d4	7.737	132	115562	53.697	ng/ul	0.00
15) 4-Methylphenol-d8	8.918	113	120562	50.295	ng/ul	0.01
21) Nitrobenzene-d5	9.418	128	58644	51.327	ng/ul	0.00
24) 2-Nitrophenol-d4	10.140	143	57308	48.781	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.663	165	118737	54.104	ng/ul	0.00
31) 4-Chloroaniline-d4	11.210	131	180321	51.199	ng/ul	0.00
46) Dimethylphthalate-d6	14.253	166	367093	53.084	ng/ul	0.00
49) Acenaphthylene-d8	14.559	160	441845	53.692	ng/ul	0.00
54) 4-Nitrophenol-d4	15.052	143	65929	53.539	ng/ul	0.00
60) Fluorene-d10	15.845	176	334276	51.261	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.963	200	61773	49.779	ng/ul	0.01
73) Anthracene-d10	17.708	188	530277	52.959	ng/ul	0.00
81) Pyrene-d10	19.982	212	634927	52.258	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.146	264	649919	53.334	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.548	88	19664	21.177	ng/uL#	86
5) Pyridine	3.971	79	124224	53.351	ng/ul	98
6) Benzaldehyde	7.367	77	79584	59.468	ng/ul	89
8) Phenol	7.373	94	157702	51.697	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.637	93	125388	53.616	ng/ul	97
12) 2-Chlorophenol	7.767	128	117943	52.621	ng/ul	95
13) 2-Methylphenol	8.648	108	115081	50.516	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.724	45	252571	50.391	ng/ul#	96
16) Acetophenone	9.059	105	181416	50.404	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.030	70	86835	49.377	ng/ul#	96
18) 4-Methylphenol	8.983	108	122793	49.321	ng/ul	93
19) Hexachloroethane	9.300	117	46181	56.221	ng/ul#	78
22) Nitrobenzene	9.465	77	129253	51.241	ng/ul	90
23) Isophorone	9.970	82	267219	49.835	ng/ul	94
25) 2-Nitrophenol	10.170	139	64225	52.120	ng/ul	96
26) 2,4-Dimethylphenol	10.193	107	126128	49.721	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.452	93	163215	49.341	ng/ul	99
29) 2,4-Dichlorophenol	10.693	162	112358	50.340	ng/ul	93
30) Naphthalene	11.116	128	410537	52.019	ng/ul	97
32) 4-Chloroaniline	11.233	127	165553	50.207	ng/ul	95
33) Hexachlorobutadiene	11.339	225	68897	49.815	ng/ul	97
34) Caprolactam	12.021	113	23486	29.212	ng/ul	91
35) 4-Chloro-3-methylphenol	12.314	107	116373	49.870	ng/ul	91

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.696	142	264568	50.574 ng/ul	99
37) 1-Methylnaphthalene	12.914	142	267727	50.033 ng/ul#	92
39) 1,2,4,5-Tetrachloroben...	13.043	216	137376	53.732 ng/ul	96
40) Hexachlorocyclopentadiene	12.996	237	80559	53.698 ng/ul	91
41) 2,4,6-Trichlorophenol	13.290	196	88939	52.807 ng/ul	100
42) 2,4,5-Trichlorophenol	13.360	196	97004	52.983 ng/ul	95
43) 1,1'-Biphenyl	13.689	154	375537	53.002 ng/ul	96
44) 2-Chloronaphthalene	13.748	162	289631	54.091 ng/ul	91
45) 2-Nitroaniline	13.965	65	81747	49.795 ng/ul	90
47) Dimethylphthalate	14.300	163	362731	51.907 ng/ul	99
48) 2,6-Dinitrotoluene	14.447	165	74911	56.074 ng/ul	96
50) Acenaphthylene	14.588	152	469709	53.133 ng/ul	98
51) 3-Nitroaniline	14.788	138	75761	54.078 ng/ul#	99
52) Acenaphthene	14.923	153	315719	52.530 ng/ul	92
53) 2,4-Dinitrophenol	14.982	184	37033	38.425 ng/ul	93
55) 4-Nitrophenol	15.070	109	46362	55.274 ng/ul	93
56) Dibenzofuran	15.252	168	425246	51.426 ng/ul	97
57) 2,4-Dinitrotoluene	15.229	165	105330	53.873 ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.464	232	85891	51.025 ng/ul#	95
59) Diethylphthalate	15.646	149	346680	50.437 ng/ul#	95
61) Fluorene	15.898	166	361407	51.572 ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.881	204	178186	51.936 ng/ul	99
63) 4-Nitroaniline	15.951	138	77182	58.935 ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.975	198	67983	51.457 ng/ul#	96
67) N-Nitrosodiphenylamine	16.104	169	297776	52.239 ng/ul	97
68) 4-Bromophenyl-phenylether	16.780	248	110195	51.034 ng/ul#	92
69) Hexachlorobenzene	16.874	284	124250	50.247 ng/ul	95
70) Atrazine	17.038	200	115326	51.014 ng/ul#	92
71) Pentachlorophenol	17.232	266	72631	53.175 ng/ul	99
72) Phenanthrene	17.649	178	622203	51.497 ng/ul	97
74) Anthracene	17.743	178	648280	52.908 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.654	216	137726	51.464 ng/uL	95
76) Pentachlorobenzene	15.146	250	139436	50.926 ng/uL	100
77) Carbazole	18.019	167	565757	55.251 ng/ul	97
78) Di-n-butylphthalate	18.519	149	647142	53.690 ng/ul	100
80) Fluoranthene	19.647	202	765869	50.795 ng/ul	96
82) Pyrene	20.011	202	796788	50.155 ng/ul	97
83) Butylbenzylphthalate	20.863	149	286617	51.014 ng/ul	94
84) 3,3'-Dichlorobenzidine	21.803	252	278822	53.652 ng/ul	96
85) Benzo(a)anthracene	21.891	228	809682	51.483 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.715	149	413523	49.641 ng/ul	98
87) Chrysene	21.962	228	751312	51.227 ng/ul	99
89) Di-n-octyl phthalate	23.008	149	689388	49.557 ng/ul	100
90) Benzo(b)fluoranthene	24.265	252	789683	51.674 ng/ul	97
91) Benzo(k)fluoranthene	24.341	252	808637	51.694 ng/ul	97
93) Benzo(a)pyrene	25.223	252	754558	52.035 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.406	276	764741	45.858 ng/ul#	95
95) Dibenzo(a,h)anthracene	29.488	278	703911	52.515 ng/ul	97
96) Benzo(g,h,i)perylene	30.687	276	684264	51.289 ng/ul#	92

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

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