Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010423\
Data File : BG056202.D
Acq On : 4 Jan 2023 16:22
Operator : CG/JU
Sample : SSTD02049
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020402

Quant Time: Jan 05 00:19:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010423.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 00:14:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.334	152	48537	20.000	ng/ul	0.00
20) Naphthalene-d8	11.166	136	195193	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.944	164	170709	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.682	188	443878	20.000	ng/ul	0.00
79) Chrysene-d12	21.977	240	423175	20.000	ng/ul	0.00
88) Perylene-d12	25.432	264	455819	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.634	96	9198	7.933	ng/uL	0.00
4) Pyridine-d5	4.068	84	66856	17.684	ng/ul	0.00
7) Phenol-d5	7.465	99	82793	18.805	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.641	67	34905	20.115	ng/ul	0.00
11) 2-Chlorophenol-d4	7.858	132	57266	22.007	ng/ul	0.00
15) 4-Methylphenol-d8	9.027	113	67268	20.301	ng/ul	0.00
21) Nitrobenzene-d5	9.509	128	30703	21.596	ng/ul	0.00
24) 2-Nitrophenol-d4	10.238	143	39196	21.102	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.772	165	80196	19.429	ng/ul	0.00
31) 4-Chloroaniline-d4	11.289	131	91250	19.545	ng/ul	0.00
46) Dimethylphthalate-d6	14.333	166	265758	20.115	ng/ul	0.00
49) Acenaphthylene-d8	14.644	160	292301	19.590	ng/ul	0.00
54) 4-Nitrophenol-d4	15.108	143	42921	21.581	ng/ul	0.00
60) Fluorene-d10	15.925	176	245509	18.825	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.031	200	60627	21.247	ng/ul	0.00
73) Anthracene-d10	17.776	188	401599	19.579	ng/ul	0.00
81) Pyrene-d10	20.044	212	485497	20.774	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.197	264	462363	19.957	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.675	88	9975	7.691	ng/uL	100
5) Pyridine	4.092	79	67818	18.652	ng/ul	100
6) Benzaldehyde	7.459	77	30222	18.698	ng/ul	100
8) Phenol	7.494	94	82322	18.788	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.735	93	57897	20.074	ng/ul	100
12) 2-Chlorophenol	7.893	128	56447	21.597	ng/ul	100
13) 2-Methylphenol	8.763	108	64005	19.455	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.857	45	10073	27.190	ng/ul	100
16) Acetophenone	9.163	105	103880	18.926	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.133	70	47124	20.307	ng/ul	100
18) 4-Methylphenol	9.092	108	70007	19.645	ng/ul	100
19) Hexachloroethane	9.433	117	21744	20.692	ng/ul	100
22) Nitrobenzene	9.550	77	69209	19.619	ng/ul	100
23) Isophorone	10.073	82	148764	18.444	ng/ul	100
25) 2-Nitrophenol	10.267	139	37865	21.118	ng/ul	100
26) 2,4-Dimethylphenol	10.308	107	80121	18.884	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.543	93	82887	19.830	ng/ul	100
29) 2,4-Dichlorophenol	10.802	162	74692	18.946	ng/ul	100
30) Naphthalene	11.219	128	202908	19.951	ng/ul	100
32) 4-Chloroaniline	11.313	127	95814	20.366	ng/ul	100
33) Hexachlorobutadiene	11.495	225	65216	17.653	ng/ul	100
34) Caprolactam	12.059	113	25519	20.247	ng/ul	100
35) 4-Chloro-3-methylphenol	12.406	107	74747	19.736	ng/ul	100
36) 2-Methylnaphthalene	12.799	142	156746	19.223	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	13.011	142	158958	19.351	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	13.158	216	127686	18.136	ng/ul	100
40)	Hexachlorocyclopentadiene	13.134	237	80785	17.697	ng/ul	100
41)	2,4,6-Trichlorophenol	13.387	196	82131	19.793	ng/ul	100
42)	2,4,5-Trichlorophenol	13.457	196	88269	19.619	ng/ul	100
43)	1,1'-Biphenyl	13.781	154	237821	19.706	ng/ul	100
44)	2-Chloronaphthalene	13.834	162	199255	19.919	ng/ul	100
45)	2-Nitroaniline	14.022	65	38334	27.596	ng/ul	100
47)	Dimethylphthalate	14.380	163	260762	19.903	ng/ul	100
48)	2,6-Dinitrotoluene	14.509	165	55423	21.432	ng/ul	100
50)	Acenaphthylene	14.674	152	293220	19.775	ng/ul	100
51)	3-Nitroaniline	14.838	138	42374	21.814	ng/ul	100
52)	Acenaphthene	15.009	153	207021	19.874	ng/ul	100
53)	2,4-Dinitrophenol	15.044	184	38213	18.985	ng/ul	100
55)	4-Nitrophenol	15.126	109	39052	20.183	ng/ul	100
56)	Dibenzofuran	15.338	168	315141	19.328	ng/ul	100
57)	2,4-Dinitrotoluene	15.291	165	78152	21.793	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.555	232	85685	19.267	ng/ul	100
59)	Diethylphthalate	15.731	149	244523	20.891	ng/ul	100
61)	Fluorene	15.984	166	254811	19.025	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.966	204	160173	18.409	ng/ul	100
63)	4-Nitroaniline	15.990	138	38727	20.894	ng/ul	100
66)	4,6-Dinitro-2-methylph...	16.049	198	57317	20.951	ng/ul	100
67)	N-Nitrosodiphenylamine	16.178	169	229651	20.420	ng/ul	100
68)	4-Bromophenyl-phenylether	16.859	248	110609	19.655	ng/ul	100
69)	Hexachlorobenzene	16.983	284	111179	20.413	ng/ul	100
70)	Atrazine	17.112	200	106510	19.862	ng/ul	100
71)	Pentachlorophenol	17.324	266	69125	19.963	ng/ul	100
72)	Phenanthrene	17.723	178	444725	19.736	ng/ul	100
74)	Anthracene	17.811	178	453003	19.638	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.757	216	128920	19.148	ng/uL	100
76)	Pentachlorobenzene	15.261	250	132493	19.934	ng/uL	100
77)	Carbazole	18.076	167	379749	20.135	ng/ul	100
78)	Di-n-butylphthalate	18.604	149	395753	22.968	ng/ul	100
80)	Fluoranthene	19.709	202	573503	20.869	ng/ul	100
82)	Pyrene	20.073	202	569422	20.540	ng/ul	100
83)	Butylbenzylphthalate	20.931	149	166776	28.269	ng/ul	100
84)	3,3'-Dichlorobenzidine	21.854	252	205457	21.609	ng/ul	100
85)	Benzo(a)anthracene	21.953	228	567072	19.633	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.824	149	240189	26.576	ng/ul	100
87)	Chrysene	22.024	228	529823	19.765	ng/ul	100
89)	Di-n-octyl phthalate	23.111	149	409059	24.250	ng/ul	100
90)	Benzo(b)fluoranthene	24.327	252	604808	20.099	ng/ul	100
91)	Benzo(k)fluoranthene	24.403	252	584849	19.918	ng/ul	100
93)	Benzo(a)pyrene	25.273	252	534256	20.375	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	29.409	276	720515	20.863	ng/ul	100
95)	Dibenzo(a,h)anthracene	29.474	278	602596	20.861	ng/ul	100
96)	Benzo(g,h,i)perylene	30.667	276	592074	21.332	ng/ul	100

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

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