Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050963.D
Acq On : 11 Nov 2021 11:17
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020548

Quant Time: Nov 11 12:41:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 11 12:40:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	31495	20.000	ng/ul	0.00
20) Naphthalene-d8	11.050	136	141289	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.851	164	95403	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.595	188	218183	20.000	ng/ul	0.00
79) Chrysene-d12	21.890	240	192659	20.000	ng/ul	0.00
88) Perylene-d12	25.280	264	191731	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	8079	8.279	ng/uL	0.00
4) Pyridine-d5	4.011	84	57021	19.533	ng/ul	0.00
7) Phenol-d5	7.366	99	60506	18.008	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	40302	18.569	ng/ul	0.00
11) 2-Chlorophenol-d4	7.754	132	43377	18.628	ng/ul	0.00
15) 4-Methylphenol-d8	8.923	113	47629	18.006	ng/ul	0.00
21) Nitrobenzene-d5	9.399	128	23367	19.461	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	25380	19.010	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.662	165	42884	19.069	ng/ul	0.00
31) 4-Chloroaniline-d4	11.185	131	64617	18.973	ng/ul	0.00
46) Dimethylphthalate-d6	14.240	166	143433	19.651	ng/ul	0.00
49) Acenaphthylene-d8	14.546	160	182927	20.116	ng/ul	0.00
54) 4-Nitrophenol-d4	15.033	143	23177	17.513	ng/ul	0.00
60) Fluorene-d10	15.838	176	127195	19.672	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	22488	17.000	ng/ul	0.00
73) Anthracene-d10	17.689	188	202275	19.609	ng/ul	0.00
81) Pyrene-d10	19.969	212	240862	19.356	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.051	264	197914	18.673	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.623	88	8531	7.960	ng/uL	96
5) Pyridine	4.029	79	59622	19.730	ng/ul	96
6) Benzaldehyde	7.360	77	48807	23.031	ng/ul	96
8) Phenol	7.395	94	63442	18.253	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.636	93	50036	19.233	ng/ul	96
12) 2-Chlorophenol	7.783	128	44616	18.871	ng/ul	98
13) 2-Methylphenol	8.664	108	46601	18.139	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.752	45	77650	18.949	ng/ul	98
16) Acetophenone	9.052	105	78278	19.050	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.029	70	45629	18.405	ng/ul	100
18) 4-Methylphenol	8.987	108	50318	18.395	ng/ul	99
19) Hexachloroethane	9.317	117	18735	18.953	ng/ul	96
22) Nitrobenzene	9.440	77	66274	19.791	ng/ul	98
23) Isophorone	9.957	82	125466	19.305	ng/ul	99
25) 2-Nitrophenol	10.157	139	26828	20.030	ng/ul	97
26) 2,4-Dimethylphenol	10.198	107	55934	18.975	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.439	93	69583	19.871	ng/ul	97
29) 2,4-Dichlorophenol	10.691	162	42584	19.412	ng/ul	95
30) Naphthalene	11.103	128	152530	19.742	ng/ul	97
32) 4-Chloroaniline	11.208	127	64276	19.007	ng/ul	98
33) Hexachlorobutadiene	11.373	225	27396	19.028	ng/ul	98
34) Caprolactam	11.966	113	17394	18.677	ng/ul	95
35) 4-Chloro-3-methylphenol	12.307	107	52063	18.579	ng/ul	99
36) 2-Methylnaphthalene	12.689	142	102882	19.547	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.906	142	103836	19.469	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.053	216	54282	19.527	ng/ul	92
40) Hexachlorocyclopentadiene	13.024	237	28752	21.539	ng/ul#	97
41) 2,4,6-Trichlorophenol	13.288	196	34936	19.206	ng/ul	96
42) 2,4,5-Trichlorophenol	13.365	196	37021	18.957	ng/ul	97
43) 1,1'-Biphenyl	13.682	154	138708	19.891	ng/ul	98
44) 2-Chloronaphthalene	13.735	162	108681	19.888	ng/ul	99
45) 2-Nitroaniline	13.935	65	40628	18.713	ng/ul	95
47) Dimethylphthalate	14.287	163	144332	19.777	ng/ul	99
48) 2,6-Dinitrotoluene	14.422	165	29467	19.291	ng/ul	99
50) Acenaphthylene	14.575	152	182341	20.007	ng/ul	99
51) 3-Nitroaniline	14.751	138	32236	20.405	ng/ul	86
52) Acenaphthene	14.910	153	118028	19.695	ng/ul	98
53) 2,4-Dinitrophenol	14.963	184	12595	14.947	ng/ul	92
55) 4-Nitrophenol	15.051	109	21521	17.731	ng/ul	89
56) Dibenzofuran	15.245	168	170850	19.917	ng/ul	99
57) 2,4-Dinitrotoluene	15.204	165	43251	19.840	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.468	232	28940	18.857	ng/ul	99
59) Diethylphthalate	15.644	149	154248	19.745	ng/ul	99
61) Fluorene	15.891	166	134282	19.778	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.874	204	69708	19.717	ng/ul	97
63) 4-Nitroaniline	15.915	138	33478	21.361	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.968	198	22667	17.571	ng/ul#	98
67) N-Nitrosodiphenylamine	16.091	169	120042	19.683	ng/ul	96
68) 4-Bromophenyl-phenylether	16.772	248	42162	19.427	ng/ul	96
69) Hexachlorobenzene	16.896	284	43050	19.295	ng/ul	95
70) Atrazine	17.031	200	49934	19.308	ng/ul	98
71) Pentachlorophenol	17.243	266	19106	18.652	ng/ul	97
72) Phenanthrene	17.636	178	228865	19.651	ng/ul	99
74) Anthracene	17.730	178	229977	19.680	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.653	216	57882	19.484	ng/uL	96
76) Pentachlorobenzene	15.163	250	52237	18.977	ng/uL	97
77) Carbazole	17.995	167	214312	20.462	ng/ul	99
78) Di-n-butylphthalate	18.529	149	275455	20.015	ng/ul	99
80) Fluoranthene	19.634	202	287418	19.246	ng/ul	99
82) Pyrene	19.998	202	280401	19.216	ng/ul	98
83) Butylbenzylphthalate	20.862	149	119250	19.005	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.773	252	91528	19.508	ng/ul	98
85) Benzo(a)anthracene	21.867	228	258733	19.399	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.737	149	170205	18.897	ng/ul	100
87) Chrysene	21.937	228	248594	19.511	ng/ul	100
89) Di-n-octyl phthalate	23.006	149	290831	18.632	ng/ul	100
90) Benzo(b)fluoranthene	24.193	252	249596	18.274	ng/ul	99
91) Benzo(k)fluoranthene	24.270	252	242453	18.916	ng/ul	99
93) Benzo(a)pyrene	25.122	252	246490	18.948	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.181	276	269119	18.584	ng/ul	96
95) Dibenzo(a,h)anthracene	29.246	278	230297	18.795	ng/ul	98
96) Benzo(g,h,i)perylene	30.404	276	226076	18.650	ng/ul	99

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

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