Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051749.D
Acq On : 22 Dec 2021 13:51
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020457

Quant Time: Dec 22 17:06:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.278	152	41712	20.000	ng/ul	0.00
20) Naphthalene-d8	11.115	136	176502	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.910	164	125679	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.659	188	299589	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.983	240	287255	20.000	ng/ul	# 0.00
88) Perylene-d12	25.478	264	293576	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.596	96	8134	8.099	ng/uL	0.00
4) Pyridine-d5	4.025	84	67322	22.184	ng/ul	-0.02
7) Phenol-d5	7.408	99	80452	21.602	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.579	67	46435	20.973	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.796	132	53941	20.825	ng/ul	-0.01
15) 4-Methylphenol-d8	8.971	113	62687	21.775	ng/ul	0.00
21) Nitrobenzene-d5	9.441	128	29042	22.443	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.175	143	31797	22.478	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.722	165	64719	21.097	ng/ul	0.00
31) 4-Chloroaniline-d4	11.233	131	83031	20.558	ng/ul	0.00
46) Dimethylphthalate-d6	14.299	166	196565	19.541	ng/ul	-0.01
49) Acenaphthylene-d8	14.605	160	250227	20.029	ng/ul	0.00
54) 4-Nitrophenol-d4	15.080	143	31127	19.028	ng/ul	0.00
60) Fluorene-d10	15.897	176	176140	19.544	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.003	200	31185	19.979	ng/ul	0.00
73) Anthracene-d10	17.759	188	283562	19.842	ng/ul	0.00
81) Pyrene-d10	20.032	212	339884	19.660	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.231	264	316060	20.461	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.637	88	8830	8.424	ng/uL	93
5) Pyridine	4.042	79	67622	22.212	ng/ul	97
6) Benzaldehyde	7.397	77	57410	24.707	ng/ul	93
8) Phenol	7.438	94	79631	21.503	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.673	93	58038	20.543	ng/ul	93
12) 2-Chlorophenol	7.831	128	55580	20.918	ng/ul	98
13) 2-Methylphenol	8.707	108	58177	20.821	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.795	45	79522	20.751	ng/ul#	94
16) Acetophenone	9.100	105	93894	20.763	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.077	70	53556	19.738	ng/ul	91
18) 4-Methylphenol	9.036	108	64087	21.762	ng/ul	94
19) Hexachloroethane	9.376	117	21798	18.802	ng/ul#	74
22) Nitrobenzene	9.488	77	80907	21.496	ng/ul#	97
23) Isophorone	10.011	82	149323	19.761	ng/ul	96
25) 2-Nitrophenol	10.205	139	34846	23.045	ng/ul	95
26) 2,4-Dimethylphenol	10.257	107	74216	20.371	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.492	93	78760	19.629	ng/ul	99
29) 2,4-Dichlorophenol	10.745	162	60318	20.665	ng/ul	98
30) Naphthalene	11.162	128	185244	19.481	ng/ul	97
32) 4-Chloroaniline	11.256	127	83905	20.344	ng/ul	98
33) Hexachlorobutadiene	11.456	225	45906	18.525	ng/ul	97
34) Caprolactam	12.002	113	21798	24.667	ng/ul	90
35) 4-Chloro-3-methylphenol	12.366	107	67587	20.666	ng/ul	98
36) 2-Methylnaphthalene	12.754	142	135769	20.013	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.971	142	136757	19.415	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.118	216	88056	20.143	ng/ul	98
40) Hexachlorocyclopentadiene	13.101	237	52548	16.555	ng/ul	96
41) 2,4,6-Trichlorophenol	13.347	196	55808	21.089	ng/ul#	93
42) 2,4,5-Trichlorophenol	13.418	196	60455	21.798	ng/ul	100
43) 1,1'-Biphenyl	13.747	154	190300	19.767	ng/ul#	96
44) 2-Chloronaphthalene	13.794	162	150803	20.262	ng/ul	99
45) 2-Nitroaniline	13.982	65	53682	23.610	ng/ul	91
47) Dimethylphthalate	14.346	163	191569	19.616	ng/ul	100
48) 2,6-Dinitrotoluene	14.469	165	42710	22.877	ng/ul	90
50) Acenaphthylene	14.634	152	242136	19.809	ng/ul	98
51) 3-Nitroaniline	14.792	138	40075	22.449	ng/ul	97
52) Acenaphthene	14.975	153	157349	19.486	ng/ul	97
53) 2,4-Dinitrophenol	14.998	184	21827	20.225	ng/ul#	82
55) 4-Nitrophenol	15.092	109	33047	18.829	ng/ul	86
56) Dibenzofuran	15.304	168	231086	19.432	ng/ul	99
57) 2,4-Dinitrotoluene	15.251	165	59960	22.660	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.527	232	51923	19.699	ng/ul#	88
59) Diethylphthalate	15.703	149	195075	19.175	ng/ul	97
61) Fluorene	15.956	166	188850	19.273	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.938	204	104989	19.236	ng/ul	97
63) 4-Nitroaniline	15.956	138	40659	22.207	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.020	198	30848	20.124	ng/ul#	89
67) N-Nitrosodiphenylamine	16.149	169	167766	20.820	ng/ul	94
68) 4-Bromophenyl-phenylether	16.837	248	71761	23.520	ng/ul#	83
69) Hexachlorobenzene	16.966	284	76714	20.009	ng/ul#	91
70) Atrazine	17.089	200	73966	20.456	ng/ul	97
71) Pentachlorophenol	17.301	266	42293	18.004	ng/ul	96
72) Phenanthrene	17.700	178	300107	19.476	ng/ul	99
74) Anthracene	17.794	178	310524	19.948	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.717	216	96618	20.963	ng/uL	97
76) Pentachlorobenzene	15.227	250	94501	21.448	ng/uL	98
77) Carbazole	18.053	167	275373	19.755	ng/ul	98
78) Di-n-butylphthalate	18.599	149	336314	20.048	ng/ul	99
80) Fluoranthene	19.698	202	388391	19.572	ng/ul#	90
82) Pyrene	20.062	202	379548	19.326	ng/ul#	90
83) Butylbenzylphthalate	20.937	149	139377	21.162	ng/ul#	92
84) 3,3'-Dichlorobenzidine	21.859	252	138008	20.386	ng/ul#	97
85) Benzo(a)anthracene	21.959	228	380066	20.337	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.842	149	199885	21.667	ng/ul#	94
87) Chrysene	22.030	228	359202	19.895	ng/ul	99
89) Di-n-octyl phthalate	23.158	149	335308	21.205	ng/ul	100
90) Benzo(b)fluoranthene	24.356	252	396351	20.156	ng/ul#	94
91) Benzo(k)fluoranthene	24.432	252	360062	19.553	ng/ul#	97
93) Benzo(a)pyrene	25.308	252	363552	19.590	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.514	276	395548	19.523	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.584	278	314913	18.198	ng/ul#	92
96) Benzo(g,h,i)perylene	30.771	276	310100	18.061	ng/ul#	90

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

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