Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050282.D
Acq On : 28 Sep 2021 9:29
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020515

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:10 PM

Quant Time: Sep 28 10:15:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 03:10:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.286	152	35813	20.000	ng/ul	0.00
20) Naphthalene-d8	11.118	136	144800	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.907	164	101080	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.645	188	233067	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.958	240	252946	20.000	ng/ul	# 0.00
88) Perylene-d12	25.401	264	266645	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.656	96	7083	9.564	ng/uL	0.00
4) Pyridine-d5	4.085	84	54376	24.362	ng/ul	-0.01
7) Phenol-d5	7.416	99	60264	21.194	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.604	67	37107	22.483	ng/ul	0.00
11) 2-Chlorophenol-d4	7.810	132	43897	21.240	ng/ul	0.00
15) 4-Methylphenol-d8	8.979	113	45552	20.336	ng/ul	0.00
21) Nitrobenzene-d5	9.461	128	21007	23.484	ng/ul	0.00
24) 2-Nitrophenol-d4	10.184	143	20339	20.586	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.724	165	45197	19.610	ng/ul	0.00
31) 4-Chloroaniline-d4	11.241	131	61829	20.421	ng/ul	0.00
46) Dimethylphthalate-d6	14.302	166	136990	19.941	ng/ul	0.00
49) Acenaphthylene-d8	14.602	160	179121	20.742	ng/ul	0.00
54) 4-Nitrophenol-d4	15.066	143	23701	20.448	ng/ul	0.00
60) Fluorene-d10	15.895	176	126675	20.140	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.994	200	21602	21.877	ng/ul	0.00
73) Anthracene-d10	17.745	188	208694	21.023	ng/ul	0.00
81) Pyrene-d10	20.019	212	253024	18.476	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.166	264	279750	20.578	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.685	88	8377	8.966	ng/uL#	86
5) Pyridine	4.108	79	55509	23.981	ng/ul	93
6) Benzaldehyde	7.416	77	45304	25.101	ng/ul	85
8) Phenol	7.446	94	63174	21.931	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.698	93	47717	22.290	ng/ul	94
12) 2-Chlorophenol	7.845	128	44655	20.502	ng/ul#	83
13) 2-Methylphenol	8.715	108	45752	20.358	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.803	45	66190	23.371	ng/ul#	88
16) Acetophenone	9.114	105	73495	21.478	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.097	70	40961	21.057	ng/ul	98
18) 4-Methylphenol	9.038	108	49569	21.654	ng/ul	91
19) Hexachloroethane	9.384	117	19567	20.936	ng/ul#	88
22) Nitrobenzene	9.502	77	58984	22.983	ng/ul	99
23) Isophorone	10.031	82	109654	20.257	ng/ul	97
25) 2-Nitrophenol	10.219	139	22457	21.762	ng/ul#	77
26) 2,4-Dimethylphenol	10.260	107	55742	20.201	ng/ul	87
27) Bis(2-Chloroethoxy)met...	10.507	93	60287	20.402	ng/ul	98
29) 2,4-Dichlorophenol	10.748	162	44970	20.250	ng/ul	97
30) Naphthalene	11.165	128	152695	20.559	ng/ul	98
32) 4-Chloroaniline	11.271	127	62765	20.758	ng/ul	87
33) Hexachlorobutadiene	11.447	225	35080	19.042	ng/ul	92
34) Caprolactam	12.040	113	13965m	19.943	ng/ul	
35) 4-Chloro-3-methylphenol	12.357	107	48672	20.209	ng/ul	98
36) 2-Methylnaphthalene	12.751	142	103876	20.195	ng/ul	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.969	142	103954	20.017	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	13.110	216	62821	19.740	ng/ul#	96
40)	Hexachlorocyclopentadiene	13.086	237	44087	20.083	ng/ul	93
41)	2,4,6-Trichlorophenol	13.339	196	37517	19.992	ng/ul	95
42)	2,4,5-Trichlorophenol	13.409	196	40300	19.960	ng/ul	97
43)	1,1'-Biphenyl	13.744	154	142884	20.838	ng/ul	96
44)	2-Chloronaphthalene	13.791	162	112216	20.683	ng/ul	98
45)	2-Nitroaniline	13.985	65	30501	23.612	ng/ul	97
47)	Dimethylphthalate	14.349	163	139564	20.168	ng/ul	100
48)	2,6-Dinitrotoluene	14.473	165	24562	22.421	ng/ul	90
50)	Acenaphthylene	14.631	152	179509	20.576	ng/ul	97
51)	3-Nitroaniline	14.802	138	27484	22.439	ng/ul	96
52)	Acenaphthene	14.972	153	118606	20.766	ng/ul	96
53)	2,4-Dinitrophenol	15.001	184	14131	20.374	ng/ul#	71
55)	4-Nitrophenol	15.084	109	24639	20.685	ng/ul#	74
56)	Dibenzofuran	15.301	168	173461	20.294	ng/ul	96
57)	2,4-Dinitrotoluene	15.248	165	35824	23.076	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.518	232	35513	19.551	ng/ul#	83
59)	Diethylphthalate	15.706	149	143676	20.195	ng/ul	97
61)	Fluorene	15.947	166	136968	20.454	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.936	204	76900	20.400	ng/ul	91
63)	4-Nitroaniline	15.953	138	28753	22.805	ng/ul#	79
66)	4,6-Dinitro-2-methylph...	16.012	198	20564	20.731	ng/ul#	88
67)	N-Nitrosodiphenylamine	16.147	169	124006	21.042	ng/ul	96
68)	4-Bromophenyl-phenylether	16.835	248	47100	19.490	ng/ul	94
69)	Hexachlorobenzene	16.946	284	53370	19.932	ng/ul	97
70)	Atrazine	17.087	200	50827	19.547	ng/ul	92
71)	Pentachlorophenol	17.287	266	31384	18.369	ng/ul	98
72)	Phenanthrene	17.692	178	240969	20.832	ng/ul	96
74)	Anthracene	17.781	178	243021m	21.095	ng/ul	
75)	1,2,3,4-Tetrachloroben...	13.715	216	67970	20.515	ng/uL	92
76)	Pentachlorobenzene	15.219	250	65131	20.387	ng/uL	95
77)	Carbazole	18.045	167	221953	21.777	ng/ul	98
78)	Di-n-butylphthalate	18.591	149	249542	21.235	ng/ul	98
80)	Fluoranthene	19.690	202	311782	17.957	ng/ul#	92
82)	Pyrene	20.048	202	317566	18.600	ng/ul#	91
83)	Butylbenzylphthalate	20.924	149	111567	19.398	ng/ul	96
84)	3,3'-Dichlorobenzidine	21.840	252	117753	21.737	ng/ul#	94
85)	Benzo(a)anthracene	21.934	228	322169	21.150	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.829	149	168198	20.487	ng/ul	98
87)	Chrysene	22.005	228	309534	20.960	ng/ul	96
89)	Di-n-octyl phthalate	23.121	149	286090	21.887	ng/ul	100
90)	Benzo(b)fluoranthene	24.302	252	328598	21.053	ng/ul#	98
91)	Benzo(k)fluoranthene	24.373	252	302265	20.624	ng/ul#	98
93)	Benzo(a)pyrene	25.242	252	310456	20.941	ng/ul#	97
94)	Indeno(1,2,3-cd)pyrene	29.349	276	351886m	20.312	ng/ul	
95)	Dibenzo(a,h)anthracene	29.437	278	304148	20.370	ng/ul#	94
96)	Benzo(g,h,i)perylene	30.589	276	299028	20.174	ng/ul#	95

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

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