Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030795.D
Acq On : 03 Jul 2021 04:24
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020015

Manual Integrations APPROVED
mohammad
7/6/2021 9:25:30 AM

Quant Time: Jul 03 06:44:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 02 18:01:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	118606	20.00	ng/ul	0.00
20) Naphthalene-d8	10.551	136	480897	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	287638	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.139	188	521110	20.00	ng/ul	0.00
79) Chrysene-d12	21.303	240	501550	20.00	ng/ul	0.00
88) Perylene-d12	23.550	264	553633	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	23757	8.12	ng/uL	0.00
4) Pyridine-d5	3.669	84	149898	19.07	ng/ul	0.00
7) Phenol-d5	6.934	99	194775	19.04	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	123899	19.27	ng/ul	0.00
11) 2-Chlorophenol-d4	7.298	132	158086	20.02	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	152844	19.20	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	72357	20.16	ng/ul	0.00
24) 2-Nitrophenol-d4	9.639	143	78485	19.68	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	152355	19.94	ng/ul	0.00
31) 4-Chloroaniline-d4	10.692	131	199434	18.72	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	391496	19.71	ng/ul	0.00
49) Acenaphthylene-d8	14.092	160	512091	19.86	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	60201	16.00	ng/ul	0.00
60) Fluorene-d10	15.392	176	343135	19.48	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.515	200	51866	15.21	ng/ul	0.00
73) Anthracene-d10	17.233	188	481642	19.80	ng/ul	0.00
81) Pyrene-d10	19.521	212	487766	18.56	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.409	264	560831	19.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	24152	7.76	ng/uL	99
5) Pyridine	3.693	79	162248	19.18	ng/ul	97
6) Benzaldehyde	6.916	77	126257m	25.39	ng/ul	
8) Phenol	6.963	94	199637	19.30	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.198	93	153896	18.88	ng/ul	99
12) 2-Chlorophenol	7.334	128	157970	19.85	ng/ul	97
13) 2-Methylphenol	8.204	108	142334	18.99	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.298	45	254990	19.73	ng/ul	99
16) Acetophenone	8.586	105	233845	19.02	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.575	70	122332	20.12	ng/ul	97
18) 4-Methylphenol	8.533	108	155014	18.99	ng/ul	94
19) Hexachloroethane	8.839	117	65342	19.60	ng/ul	98
22) Nitrobenzene	8.963	77	186444	20.60	ng/ul	97
23) Isophorone	9.492	82	309659	19.75	ng/ul	99
25) 2-Nitrophenol	9.675	139	83733	19.77	ng/ul	98
26) 2,4-Dimethylphenol	9.733	107	174110	20.34	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.969	93	199065	19.52	ng/ul	98
29) 2,4-Dichlorophenol	10.204	162	147381	20.14	ng/ul	99
30) Naphthalene	10.604	128	480720	19.74	ng/ul	100
32) 4-Chloroaniline	10.716	127	199756	18.89	ng/ul	100
33) Hexachlorobutadiene	10.886	225	97103	19.62	ng/ul	100
34) Caprolactam	11.498	113	37092m	17.46	ng/ul	
35) 4-Chloro-3-methylphenol	11.839	107	142601	19.84	ng/ul	99
36) 2-Methylnaphthalene	12.216	142	337388	19.86	ng/ul	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.433	142	340123	19.78	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.586	216	177347	19.76	ng/ul	100
40)	Hexachlorocyclopentadiene	12.563	237	108235	18.48	ng/ul	97
41)	2,4,6-Trichlorophenol	12.827	196	110951	19.63	ng/ul	98
42)	2,4,5-Trichlorophenol	12.904	196	117750	19.52	ng/ul	99
43)	1,1'-Biphenyl	13.227	154	426279	20.08	ng/ul	100
44)	2-Chloronaphthalene	13.268	162	331574	19.87	ng/ul	99
45)	2-Nitroaniline	13.480	65	92156	20.55	ng/ul	98
47)	Dimethylphthalate	13.857	163	380883	19.57	ng/ul	100
48)	2,6-Dinitrotoluene	13.980	165	76372	20.37	ng/ul	94
50)	Acenaphthylene	14.115	152	474819	19.86	ng/ul	99
51)	3-Nitroaniline	14.310	138	74423	18.63	ng/ul	99
52)	Acenaphthene	14.462	153	344744	19.86	ng/ul	99
53)	2,4-Dinitrophenol	14.521	184	45148	18.32	ng/ul	99
55)	4-Nitrophenol	14.615	109	50785	16.87	ng/ul	99
56)	Dibenzofuran	14.798	168	474098	19.60	ng/ul	99
57)	2,4-Dinitrotoluene	14.768	165	103286	19.67	ng/ul	100
58)	2,3,4,6-Tetrachlorophenol	15.021	232	93216	19.09	ng/ul#	98
59)	Diethylphthalate	15.221	149	369286	19.75	ng/ul	99
61)	Fluorene	15.445	166	385868	19.35	ng/ul	100
62)	4-Chlorophenyl-phenyle...	15.439	204	192065	19.34	ng/ul	99
63)	4-Nitroaniline	15.468	138	73459	19.31	ng/ul	92
66)	4,6-Dinitro-2-methylph...	15.533	198	50559	15.24	ng/ul	97
67)	N-Nitrosodiphenylamine	15.651	169	312683	20.13	ng/ul	99
68)	4-Bromophenyl-phenylether	16.333	248	107436	20.21	ng/ul	99
69)	Hexachlorobenzene	16.445	284	123332	20.05	ng/ul	98
70)	Atrazine	16.604	200	102947	18.69	ng/ul	98
71)	Pentachlorophenol	16.792	266	65862	17.09	ng/ul	97
72)	Phenanthrene	17.180	178	553161	19.77	ng/ul	100
74)	Anthracene	17.268	178	567676	19.84	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.192	216	173629	20.89	ng/uL	99
76)	Pentachlorobenzene	14.715	250	162019	20.46	ng/uL	98
77)	Carbazole	17.539	167	475899	18.55	ng/ul	99
78)	Di-n-butylphthalate	18.103	149	531769	20.34	ng/ul	100
80)	Fluoranthene	19.192	202	593931	18.50	ng/ul	99
82)	Pyrene	19.550	202	630570	18.70	ng/ul	100
83)	Butylbenzylphthalate	20.444	149	208447	18.78	ng/ul	97
84)	3,3'-Dichlorobenzidine	21.221	252	186421	18.86	ng/ul	97
85)	Benzo(a)anthracene	21.291	228	619035	19.89	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.215	149	291529	18.26	ng/ul	99
87)	Chrysene	21.338	228	598565	19.73	ng/ul	99
89)	Di-n-octyl phthalate	22.091	149	508935	15.98	ng/ul	100
90)	Benzo(b)fluoranthene	22.874	252	694937	19.77	ng/ul	100
91)	Benzo(k)fluoranthene	22.921	252	643846	19.06	ng/ul	99
93)	Benzo(a)pyrene	23.450	252	616868	19.52	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	25.826	276	817230	20.54	ng/ul	98
95)	Dibenzo(a,h)anthracene	25.832	278	683615	20.73	ng/ul	98
96)	Benzo(g,h,i)perylene	26.520	276	671018	20.21	ng/ul	99

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

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