Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM031957.D
Acq On : 30 Aug 2021 19:44
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020057

Manual Integrations APPROVED
mohammad
8/31/2021 11:37:21 AM

Quant Time: Aug 31 02:56:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 09:21:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	85355	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	379228	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.151	164	288597	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.904	188	631197	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.115	240	675080	20.000	ng/ul	# 0.00
88) Perylene-d12	23.250	264	666987	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	15323	8.283	ng/uL	0.00
4) Pyridine-d5	3.522	84	104815	19.952	ng/ul	0.00
7) Phenol-d5	6.704	99	144984	20.484	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	85937	20.985	ng/ul	0.00
11) 2-Chlorophenol-d4	7.045	132	120221	22.073	ng/ul	0.00
15) 4-Methylphenol-d8	8.222	113	125246	20.625	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	61514	22.333	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	74319	22.799	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.898	165	147493	22.552	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	198945	21.564	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	469523	21.501	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	571262	22.089	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	77869	19.700	ng/ul	0.00
60) Fluorene-d10	15.151	176	414709	21.604	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	85869	19.799	ng/ul	0.00
73) Anthracene-d10	17.004	188	658631	21.984	ng/ul	0.00
81) Pyrene-d10	19.309	212	722445	22.848	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.121	264	768899	21.935	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	16891	7.573	ng/uL#	88
5) Pyridine	3.540	79	113399	20.997	ng/ul	96
6) Benzaldehyde	6.681	77	43806m	13.671	ng/ul	
8) Phenol	6.728	94	147920	20.769	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.957	93	113834	20.985	ng/ul	93
12) 2-Chlorophenol	7.081	128	121175	22.279	ng/ul	96
13) 2-Methylphenol	7.957	108	113234	20.620	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.028	45	147825m	20.969	ng/ul	
16) Acetophenone	8.328	105	197929	20.811	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.316	70	103686	22.346	ng/ul	95
18) 4-Methylphenol	8.287	108	126807	20.794	ng/ul	97
19) Hexachloroethane	8.557	117	52792	22.659	ng/ul	97
22) Nitrobenzene	8.704	77	151445	21.779	ng/ul	100
23) Isophorone	9.222	82	282969	22.110	ng/ul#	95
25) 2-Nitrophenol	9.404	139	76148	22.424	ng/ul	91
26) 2,4-Dimethylphenol	9.469	107	154685	22.378	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.710	93	167016	22.014	ng/ul	98
29) 2,4-Dichlorophenol	9.928	162	136902	22.007	ng/ul	97
30) Naphthalene	10.316	128	413058	21.757	ng/ul	99
32) 4-Chloroaniline	10.445	127	194051	21.086	ng/ul	99
33) Hexachlorobutadiene	10.592	225	89293	21.636	ng/ul	98
34) Caprolactam	11.233	113	42773m	20.627	ng/ul	
35) 4-Chloro-3-methylphenol	11.575	107	143542	22.003	ng/ul	99
36) 2-Methylnaphthalene	11.933	142	324074	21.650	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.157	142	331718	21.757	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.310	216	181791	21.944	ng/ul	100
40) Hexachlorocyclopentadiene	12.280	237	82792	18.567	ng/ul	97
41) 2,4,6-Trichlorophenol	12.569	196	125806	22.669	ng/ul	98
42) 2,4,5-Trichlorophenol	12.639	196	132589	22.000	ng/ul	97
43) 1,1'-Biphenyl	12.974	154	438270	21.590	ng/ul	97
44) 2-Chloronaphthalene	13.010	162	351385	21.849	ng/ul	100
45) 2-Nitroaniline	13.239	65	98189	22.160	ng/ul	98
47) Dimethylphthalate	13.621	163	461655	21.530	ng/ul	99
48) 2,6-Dinitrotoluene	13.751	165	94981	22.453	ng/ul	96
50) Acenaphthylene	13.868	152	513265	21.569	ng/ul	99
51) 3-Nitroaniline	14.080	138	69207	17.482	ng/ul	98
52) Acenaphthene	14.216	153	374358	21.661	ng/ul	97
53) 2,4-Dinitrophenol	14.298	184	53650	18.139	ng/ul	96
55) 4-Nitrophenol	14.404	109	73792	20.222	ng/ul	85
56) Dibenzofuran	14.551	168	550882	21.614	ng/ul	100
57) 2,4-Dinitrotoluene	14.545	165	140050	22.074	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.786	232	118915	21.979	ng/ul#	99
59) Diethylphthalate	14.998	149	471843	21.530	ng/ul	99
61) Fluorene	15.210	166	458024	21.238	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.210	204	236160	21.381	ng/ul	100
63) 4-Nitroaniline	15.251	138	50795	14.324	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.310	198	82839	19.643	ng/ul	94
67) N-Nitrosodiphenylamine	15.433	169	400326	22.085	ng/ul	98
68) 4-Bromophenyl-phenylether	16.104	248	142633	22.051	ng/ul	97
69) Hexachlorobenzene	16.210	284	165259	22.005	ng/ul	97
70) Atrazine	16.398	200	146851	21.502	ng/ul	95
71) Pentachlorophenol	16.562	266	99359	20.232	ng/ul	98
72) Phenanthrene	16.951	178	740824	21.489	ng/ul	99
74) Anthracene	17.039	178	768804	21.790	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.927	216	183801	22.377	ng/uL	96
76) Pentachlorobenzene	14.468	250	192377	22.325	ng/uL	99
77) Carbazole	17.321	167	666427	20.638	ng/ul	100
78) Di-n-butylphthalate	17.892	149	836363	22.603	ng/ul	99
80) Fluoranthene	18.974	202	886233	23.066	ng/ul#	95
82) Pyrene	19.339	202	932989	22.935	ng/ul	95
83) Butylbenzylphthalate	20.262	149	388185	24.302	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.044	252	297791	19.594	ng/ul	96
85) Benzo(a)anthracene	21.097	228	922104	21.959	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.044	149	617046	23.953	ng/ul#	98
87) Chrysene	21.150	228	906749	22.449	ng/ul	99
89) Di-n-octyl phthalate	21.903	149	1073514	23.592	ng/ul	100
90) Benzo(b)fluoranthene	22.621	252	957398m	22.529	ng/ul	
91) Benzo(k)fluoranthene	22.662	252	935939	22.750	ng/ul#	98
93) Benzo(a)pyrene	23.162	252	835231	21.766	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.362	276	925178	18.838	ng/ul	95
95) Dibenzo(a,h)anthracene	25.374	278	793516	19.211	ng/ul#	97
96) Benzo(g,h,i)perylene	26.003	276	735548	18.086	ng/ul	96

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

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