Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030511.D
Acq On : 22 Jun 2021 12:02
Operator : CG/JU
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD010102

Manual Integrations APPROVED
mohammad
6/23/2021 4:46:50 PM

Quant Time: Jun 22 13:26:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 22 13:19:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	147048	20.00	ng/ul	0.00
20) Naphthalene-d8	10.598	136	604759	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	370598	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.180	188	702023	20.00	ng/ul	0.00
79) Chrysene-d12	21.350	240	584962	20.00	ng/ul	0.00
88) Perylene-d12	23.627	264	564266	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	14944	3.88	ng/uL	0.00
4) Pyridine-d5	3.705	84	75220	7.43	ng/ul	0.00
7) Phenol-d5	6.981	99	121162	9.48	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	81273	9.85	ng/ul	0.00
11) 2-Chlorophenol-d4	7.345	132	98913	10.70	ng/ul	0.00
15) 4-Methylphenol-d8	8.516	113	94703	9.28	ng/ul	0.00
21) Nitrobenzene-d5	8.969	128	44231	10.68	ng/ul	0.00
24) 2-Nitrophenol-d4	9.686	143	48270	11.74	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	94247	10.52	ng/ul	0.00
31) 4-Chloroaniline-d4	10.739	131	128068	9.35	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	260147	10.23	ng/ul	0.00
49) Acenaphthylene-d8	14.133	160	329271	10.36	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	39834	8.37	ng/ul	0.00
60) Fluorene-d10	15.433	176	227513	9.99	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	36195	8.93	ng/ul	0.00
73) Anthracene-d10	17.280	188	325930	10.21	ng/ul	0.00
81) Pyrene-d10	19.568	212	325179	10.62	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.480	264	293848	10.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.316	88	16290	4.17	ng/uL	96
5) Pyridine	3.728	79	96100	9.00	ng/ul#	93
6) Benzaldehyde	6.957	77	56772m	9.48	ng/ul	
8) Phenol	7.004	94	123020	9.50	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.234	93	101150	9.68	ng/ul	100
12) 2-Chlorophenol	7.375	128	99150	10.40	ng/ul	98
13) 2-Methylphenol	8.251	108	88707	9.22	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.339	45	166412	9.89	ng/ul	99
16) Acetophenone	8.634	105	150178	9.31	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.616	70	75906	9.68	ng/ul	99
18) 4-Methylphenol	8.581	108	98693	9.30	ng/ul	95
19) Hexachloroethane	8.887	117	41355	10.25	ng/ul	96
22) Nitrobenzene	9.010	77	117741	11.08	ng/ul	99
23) Isophorone	9.534	82	196416	10.11	ng/ul	98
25) 2-Nitrophenol	9.716	139	52272	11.48	ng/ul	98
26) 2,4-Dimethylphenol	9.775	107	108482	10.52	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.016	93	129476	10.01	ng/ul	98
29) 2,4-Dichlorophenol	10.251	162	91950	10.54	ng/ul	100
30) Naphthalene	10.651	128	312735	10.20	ng/ul	100
32) 4-Chloroaniline	10.763	127	127023	9.27	ng/ul	96
33) Hexachlorobutadiene	10.933	225	62420	11.25	ng/ul	99
34) Caprolactam	11.551	113	22459	8.04	ng/ul	91
35) 4-Chloro-3-methylphenol	11.886	107	89296	10.06	ng/ul	98
36) 2-Methylnaphthalene	12.263	142	213522	9.79	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	218570	9.87	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.633	216	116016	10.77	ng/ul	99
40) Hexachlorocyclopentadiene	12.610	237	65057	9.56	ng/ul	98
41) 2,4,6-Trichlorophenol	12.874	196	72340	11.18	ng/ul	97
42) 2,4,5-Trichlorophenol	12.945	196	75974	10.77	ng/ul	99
43) 1,1'-Biphenyl	13.274	154	276858	10.25	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	219431	10.53	ng/ul	98
45) 2-Nitroaniline	13.522	65	54534	10.47	ng/ul	97
47) Dimethylphthalate	13.898	163	254159	10.23	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	45427	10.20	ng/ul	95
50) Acenaphthylene	14.163	152	310565	10.23	ng/ul	99
51) 3-Nitroaniline	14.351	138	40274	7.93	ng/ul	100
52) Acenaphthene	14.504	153	226215	10.03	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	20341	6.85	ng/ul	99
55) 4-Nitrophenol	14.657	109	32003	8.58	ng/ul	97
56) Dibenzofuran	14.839	168	318320	10.15	ng/ul	100
57) 2,4-Dinitrotoluene	14.804	165	64702	10.28	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.068	232	61822	10.95	ng/ul	98
59) Diethylphthalate	15.263	149	239152	9.75	ng/ul	99
61) Fluorene	15.486	166	259205	9.84	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.486	204	128681	10.15	ng/ul	96
63) 4-Nitroaniline	15.510	138	35823	7.54	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.568	198	36280	9.03	ng/ul#	95
67) N-Nitrosodiphenylamine	15.698	169	211734	10.24	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	71605	10.49	ng/ul	99
69) Hexachlorobenzene	16.492	284	83499	10.76	ng/ul	98
70) Atrazine	16.645	200	67201	9.05	ng/ul	98
71) Pentachlorophenol	16.839	266	41663	8.76	ng/ul	95
72) Phenanthrene	17.221	178	382605	10.08	ng/ul	100
74) Anthracene	17.315	178	385601	10.07	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.239	216	114177	11.30	ng/uL	98
76) Pentachlorobenzene	14.763	250	109558	11.26	ng/uL	99
77) Carbazole	17.586	167	319050	9.38	ng/ul	99
78) Di-n-butylphthalate	18.145	149	328318	9.21	ng/ul	99
80) Fluoranthene	19.233	202	398506	10.59	ng/ul	99
82) Pyrene	19.598	202	419568	10.55	ng/ul	99
83) Butylbenzylphthalate	20.492	149	124330	9.96	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.274	252	96989	9.17	ng/ul	96
85) Benzo(a)anthracene	21.339	228	368384	10.42	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.268	149	173429	9.16	ng/ul#	99
87) Chrysene	21.386	228	361153	10.36	ng/ul	99
89) Di-n-octyl phthalate	22.150	149	292227	8.04	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	364057	10.04	ng/ul	98
91) Benzo(k)fluoranthene	22.986	252	350015	10.10	ng/ul	99
93) Benzo(a)pyrene	23.527	252	323490	10.20	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.932	276	401681	10.29	ng/ul	99
95) Dibenzo(a,h)anthracene	25.938	278	332394	10.12	ng/ul	98
96) Benzo(g,h,i)perylene	26.632	276	340472	10.62	ng/ul	99

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

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