Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060621\
Data File : BM030301.D
Acq On : 04 Jun 2021 18:07
Operator : CG/JU
Sample : SSTD08011
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD080011

Manual Integrations APPROVED
mohammad
6/7/2021 12:27:34 PM

Quant Time: Jun 04 18:38:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 04 17:27:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	207721	20.000	ng/ul	0.00
20) Naphthalene-d8	10.645	136	933565	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.480	164	621086	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.215	188	1246367	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1079745	20.000	ng/ul	0.00
88) Perylene-d12	23.656	264	953837	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	166965	32.897	ng/uL	0.00
4) Pyridine-d5	3.728	84	1246793	87.623	ng/ul	0.00
7) Phenol-d5	7.016	99	1562257	85.540	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	955617	82.894	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	1195108	87.356	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	1248942	86.123	ng/ul	0.01
21) Nitrobenzene-d5	9.010	128	594558	97.570	ng/ul	0.00
24) 2-Nitrophenol-d4	9.733	143	636579	109.685	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	1275671	85.188	ng/ul	0.00
31) 4-Chloroaniline-d4	10.780	131	1781436	80.103	ng/ul	0.00
46) Dimethylphthalate-d6	13.892	166	3707363	78.076	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	4779934	78.096	ng/ul	0.00
54) 4-Nitrophenol-d4	14.674	143	718400	93.625	ng/ul	0.02
60) Fluorene-d10	15.468	176	3270553	78.908	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.586	200	651776	107.871	ng/ul	0.00
73) Anthracene-d10	17.315	188	4909554	79.588	ng/ul	0.00
81) Pyrene-d10	19.597	212	5028484	86.881	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.515	264	4263000	78.843	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.351	88	173909	31.856	ng/uL	98
5) Pyridine	3.746	79	1284415	87.900	ng/ul	100
6) Benzaldehyde	6.998	77	765953	78.596	ng/ul	95
8) Phenol	7.039	94	1554948	83.809	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	1211226	81.333	ng/ul	99
12) 2-Chlorophenol	7.422	128	1206155	86.097	ng/ul	99
13) 2-Methylphenol	8.286	108	1168484	83.292	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1946931	78.675	ng/ul	99
16) Acetophenone	8.675	105	1927432	82.232	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.669	70	1042823	84.343	ng/ul	98
18) 4-Methylphenol	8.622	108	1288499	85.297	ng/ul	98
19) Hexachloroethane	8.933	117	497129	82.879	ng/ul	98
22) Nitrobenzene	9.057	77	1453130	88.088	ng/ul	98
23) Isophorone	9.586	82	2792522	80.281	ng/ul	99
25) 2-Nitrophenol	9.763	139	682001	104.078	ng/ul	98
26) 2,4-Dimethylphenol	9.816	107	1410955	80.930	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.057	93	1713155	80.354	ng/ul	99
29) 2,4-Dichlorophenol	10.292	162	1211624	83.838	ng/ul	98
30) Naphthalene	10.698	128	3909675	76.332	ng/ul	99
32) 4-Chloroaniline	10.804	127	1773791	77.042	ng/ul	99
33) Hexachlorobutadiene	10.980	225	705957	71.693	ng/ul	96
34) Caprolactam	11.592	113	400995m	90.849	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	1291612	85.259	ng/ul	99
36) 2-Methylnaphthalene	12.304	142	2926110	76.402	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.527	142	2954727	79.357	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.674	216	1496453	74.258	ng/ul	100
40) Hexachlorocyclopentadiene	12.657	237	933675	66.118	ng/ul	98
41) 2,4,6-Trichlorophenol	12.910	196	990936	87.611	ng/ul	99
42) 2,4,5-Trichlorophenol	12.980	196	1077803	88.080	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	3764550	76.002	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	2908987	76.397	ng/ul	99
45) 2-Nitroaniline	13.557	65	892947	102.091	ng/ul	98
47) Dimethylphthalate	13.939	163	3598478	76.721	ng/ul	100
48) 2,6-Dinitrotoluene	14.057	165	758036	101.408	ng/ul	96
50) Acenaphthylene	14.204	152	4426974	74.899	ng/ul	99
51) 3-Nitroaniline	14.380	138	788131	90.463	ng/ul	99
52) Acenaphthene	14.545	153	3203744	76.734	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	463485	98.760	ng/ul	99
55) 4-Nitrophenol	14.686	109	546726	64.895	ng/ul	99
56) Dibenzofuran	14.880	168	4375477	75.714	ng/ul	100
57) 2,4-Dinitrotoluene	14.839	165	1057993	97.591	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.104	232	891935	86.319	ng/ul	99
59) Diethylphthalate	15.298	149	3692417	77.719	ng/ul	100
61) Fluorene	15.527	166	3845412	78.431	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.515	204	1856830	77.238	ng/ul	96
63) 4-Nitroaniline	15.545	138	759604	84.794	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.604	198	635412	101.944	ng/ul#	99
67) N-Nitrosodiphenylamine	15.727	169	3200068	78.718	ng/ul	99
68) 4-Bromophenyl-phenylether	16.409	248	1072576	76.458	ng/ul	98
69) Hexachlorobenzene	16.527	284	1195497	74.555	ng/ul	99
70) Atrazine	16.680	200	1128320	77.379	ng/ul	100
71) Pentachlorophenol	16.862	266	742342	75.805	ng/ul	98
72) Phenanthrene	17.256	178	5625382	77.016	ng/ul	97
74) Anthracene	17.351	178	5817033	77.638	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.280	216	1477897	72.677	ng/uL	98
76) Pentachlorobenzene	14.798	250	1440128	76.347	ng/uL	100
77) Carbazole	17.615	167	5062725	74.566	ng/ul	98
78) Di-n-butylphthalate	18.174	149	6016597	79.779	ng/ul	99
80) Fluoranthene	19.262	202	6206409	87.724	ng/ul	97
82) Pyrene	19.627	202	6344050	85.792	ng/ul	99
83) Butylbenzylphthalate	20.515	149	2447769	96.980	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.291	252	1794844	78.513	ng/ul	98
85) Benzo(a)anthracene	21.356	228	5553134	78.059	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.286	149	3790494	93.591	ng/ul	97
87) Chrysene	21.409	228	5328509	76.947	ng/ul	97
89) Di-n-octyl phthalate	22.174	149	5795435	94.495	ng/ul	100
90) Benzo(b)fluoranthene	22.968	252	5189181	81.183	ng/ul	100
91) Benzo(k)fluoranthene	23.015	252	5118931	81.210	ng/ul	99
93) Benzo(a)pyrene	23.562	252	4660928	82.612	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.991	276	5716014	80.884	ng/ul	99
95) Dibenzo(a,h)anthracene	26.003	278	4772615	80.779	ng/ul	99
96) Benzo(g,h,i)perylene	26.709	276	4600561	79.677	ng/ul	99

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

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