

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030485.D
 Acq On : 17 Jun 2021 03:13
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 17 04:08:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 16 18:05:47 2021
 Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

SSTD020054

Manual Integrations

APPROVED

mohammad

6/17/2021 12:17:45 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	163378	20.00	ng/ul	0.00
20) Naphthalene-d8	10.616	136	622505	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	390718	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	819380	20.00	ng/ul	0.00
79) Chrysene-d12	21.351	240	927437	20.00	ng/ul	0.00
88) Perylene-d12	23.621	264	1017640	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	30658	7.17	ng/uL	0.00
4) Pyridine-d5	3.722	84	189990	16.90	ng/ul	0.00
7) Phenol-d5	6.999	99	256192	18.04	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	148874	16.24	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	216050	21.04	ng/ul	0.00
15) 4-Methylphenol-d8	8.534	113	197653	17.43	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	95250	22.35	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	106696	25.21	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	213475	23.16	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	268519	19.05	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	536122	19.99	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	711292	21.23	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	100730	20.07	ng/ul	0.01
60) Fluorene-d10	15.439	176	491574	20.48	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	53914	11.40	ng/ul	0.00
73) Anthracene-d10	17.286	188	777331	20.86	ng/ul	0.00
81) Pyrene-d10	19.568	212	885134	18.23	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	1053679	20.76	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.340	88	32102	7.40	ng/uL	98
5) Pyridine	3.746	79	193545	16.31	ng/ul	98
6) Benzaldehyde	6.975	77	120746	18.14	ng/ul	92
8) Phenol	7.028	94	252464	17.55	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.252	93	197259	16.99	ng/ul	96
12) 2-Chlorophenol	7.393	128	213460	20.15	ng/ul	99
13) 2-Methylphenol	8.269	108	187087	17.49	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.351	45	278360	14.88	ng/ul	97
16) Acetophenone	8.646	105	294361	16.42	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.628	70	143301	16.44	ng/ul	98
18) 4-Methylphenol	8.593	108	200763	17.02	ng/ul	99
19) Hexachloroethane	8.898	117	85038	18.97	ng/ul	89
22) Nitrobenzene	9.022	77	218267	19.95	ng/ul	96
23) Isophorone	9.546	82	376467	18.82	ng/ul	99
25) 2-Nitrophenol	9.734	139	110238	23.51	ng/ul	97
26) 2,4-Dimethylphenol	9.793	107	212841	20.05	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.022	93	241993	18.17	ng/ul	99
29) 2,4-Dichlorophenol	10.263	162	198648	22.13	ng/ul	98
30) Naphthalene	10.663	128	616059	19.52	ng/ul	100
32) 4-Chloroaniline	10.775	127	266684	18.91	ng/ul	100
33) Hexachlorobutadiene	10.945	225	136339	23.86	ng/ul	98
34) Caprolactam	11.557	113	54464m	18.95	ng/ul	
35) 4-Chloro-3-methylphenol	11.898	107	186797	20.45	ng/ul	99
36) 2-Methylnaphthalene	12.275	142	438187	19.52	ng/ul	99
37) 1-Methylnaphthalene	12.492	142	441353	19.37	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.645	216	252698	22.25	ng/ul	97
40) Hexachlorocyclopentadiene	12.622	237	74386	10.36	ng/ul	99
41) 2,4,6-Trichlorophenol	12.886	196	164779	24.15	ng/ul	98
42) 2,4,5-Trichlorophenol	12.957	196	175060	23.55	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 1,1'-Biphenyl	13.286	154	556959	19.56	ng/ul	97
44) 2-Chloronaphthalene	13.328	162	447753	20.38	ng/ul	98
45) 2-Nitroaniline	13.528	65	117452	21.39	ng/ul	97
47) Dimethylphthalate	13.904	163	520644	19.88	ng/ul	99
48) 2,6-Dinitrotoluene	14.028	165	107374	22.87	ng/ul#	86
50) Acenaphthylene	14.175	152	647976	20.25	ng/ul	100
51) 3-Nitroaniline	14.357	138	114318	21.36	ng/ul	97
52) Acenaphthene	14.516	153	464031	19.52	ng/ul	98
53) 2,4-Dinitrophenol	14.569	184	34265	10.94	ng/ul	91
55) 4-Nitrophenol	14.669	109	118909	30.24	ng/ul	95
56) Dibenzofuran	14.851	168	659567	19.94	ng/ul	97
57) 2,4-Dinitrotoluene	14.816	165	155693	23.45	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.075	232	151500	25.46	ng/ul	94
59) Diethylphthalate	15.269	149	514302	19.90	ng/ul	99
61) Fluorene	15.498	166	553212	19.92	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.492	204	278142	20.80	ng/ul	96
63) 4-Nitroaniline	15.516	138	119543	23.86	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.575	198	52048	11.10	ng/ul	96
67) N-Nitrosodiphenylamine	15.704	169	468314	19.40	ng/ul	100
68) 4-Bromophenyl-phenylether	16.380	248	171811	21.56	ng/ul	94
69) Hexachlorobenzene	16.498	284	198463	21.91	ng/ul	96
70) Atrazine	16.651	200	170794	19.72	ng/ul	99
71) Pentachlorophenol	16.845	266	164948	29.71	ng/ul	99
72) Phenanthrene	17.227	178	866370	19.56	ng/ul	99
74) Anthracene	17.321	178	903136	20.20	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	248961	21.12	ng/ul	97
76) Pentachlorobenzene	14.775	250	239688	21.11	ng/ul	99
77) Carbazole	17.592	167	789370	19.88	ng/ul	99
78) Di-n-butylphthalate	18.145	149	898594	21.61	ng/ul	100
80) Fluoranthene	19.239	202	1066620	17.88	ng/ul	97
82) Pyrene	19.598	202	1122200	17.79	ng/ul	95
83) Butylbenzylphthalate	20.492	149	432722	21.86	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.268	252	361691	21.57	ng/ul#	97
85) Benzo(a)anthracene	21.333	228	1162939	20.75	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.256	149	647518	21.56	ng/ul	98
87) Chrysene	21.386	228	1106884	20.03	ng/ul	100
89) Di-n-octyl phthalate	22.139	149	1175503	17.93	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	1234258	18.87	ng/ul#	97
91) Benzo(k)fluoranthene	22.980	252	1228508	19.66	ng/ul	97
93) Benzo(a)pyrene	23.521	252	1141904	19.97	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.933	276	1479318	21.02	ng/ul#	94
95) Dibenzo(a,h)anthracene	25.939	278	1232916	20.81	ng/ul	98
96) Benzo(g,h,i)perylene	26.639	276	1223560	21.16	ng/ul#	95

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

