

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030463.D
 Acq On : 16 Jun 2021 10:15
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020098

Manual Integrations
 APPROVED

mohammad
 6/17/2021 12:16:50 PM

Quant Time: Jun 16 10:51:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 16 10:51:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	178614	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	742588	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.445	164	480495	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1002284	20.000	ng/u1	0.00
79) Chrysene-d12	21.344	240	989482	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	864032	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	36571	7.818	ng/uL	0.00
4) Pyridine-d5	3.716	84	225150	18.318	ng/u1	0.00
7) Phenol-d5	6.992	99	288731	18.599	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	185320	18.497	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	233691	20.815	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	230276	18.573	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	109964	21.633	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	113449	22.472	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	233805	21.261	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	320854	19.086	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	677299	20.540	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	856531	20.793	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	119013	19.282	ng/u1	0.00
60) Fluorene-d10	15.439	176	600691	20.348	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	109501	18.927	ng/u1	0.00
73) Anthracene-d10	17.280	188	921330	20.210	ng/u1	0.00
81) Pyrene-d10	19.568	212	1017356	19.644	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.474	264	887939	20.609	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	37983	8.011	ng/uL	97
5) Pyridine	3.734	79	236162	18.200	ng/u1	97
6) Benzaldehyde	6.969	77	141340	19.427	ng/u1	95
8) Phenol	7.016	94	292785	18.622	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.245	93	234236	18.453	ng/u1	98
12) 2-Chlorophenol	7.392	128	238721	20.612	ng/u1	98
13) 2-Methylphenol	8.263	108	215619	18.442	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.351	45	374197	18.302	ng/u1	99
16) Acetophenone	8.645	105	361780	18.455	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.628	70	182194	19.122	ng/u1	98
18) 4-Methylphenol	8.592	108	234351	18.178	ng/u1	96
19) Hexachloroethane	8.898	117	94844	19.354	ng/u1	98
22) Nitrobenzene	9.022	77	271888	20.836	ng/u1	99
23) Isophorone	9.545	82	476402	19.967	ng/u1	100
25) 2-Nitrophenol	9.728	139	125434	22.429	ng/u1	98
26) 2,4-Dimethylphenol	9.786	107	261931	20.689	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.022	93	311859	19.632	ng/u1	99
29) 2,4-Dichlorophenol	10.263	162	223897	20.908	ng/u1	99
30) Naphthalene	10.663	128	748305	19.880	ng/u1	100
32) 4-Chloroaniline	10.769	127	321014	19.077	ng/u1	99
33) Hexachlorobutadiene	10.945	225	143551	21.064	ng/u1	96
34) Caprolactam	11.551	113	63120m	18.408	ng/u1	
35) 4-Chloro-3-methylphenol	11.892	107	228765	20.992	ng/u1	100
36) 2-Methylnaphthalene	12.269	142	534715	19.968	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	543474	19.995	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.639	216	286975	20.543	ng/ul	99
40) Hexachlorocyclopentadiene	12.621	237	162852	18.450	ng/ul	95
41) 2,4,6-Trichlorophenol	12.880	196	178752	21.299	ng/ul	98
42) 2,4,5-Trichlorophenol	12.957	196	195141	21.346	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	696141	19.885	ng/ul	99
44) 2-Chloronaphthalene	13.321	162	539554	19.971	ng/ul	99
45) 2-Nitroaniline	13.527	65	146005	21.618	ng/ul	98
47) Dimethylphthalate	13.904	163	666838	20.701	ng/ul	99
48) 2,6-Dinitrotoluene	14.021	165	127411	22.072	ng/ul	96
50) Acenaphthylene	14.168	152	807087	20.512	ng/ul	100
51) 3-Nitroaniline	14.351	138	127236	19.333	ng/ul	100
52) Acenaphthene	14.510	153	578060	19.775	ng/ul	99
53) 2,4-Dinitrophenol	14.563	184	64467	16.735	ng/ul	98
55) 4-Nitrophenol	14.663	109	94373	19.516	ng/ul	94
56) Dibenzofuran	14.845	168	818679	20.130	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	186514	22.846	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.074	232	165077	22.557	ng/ul	96
59) Diethylphthalate	15.268	149	655809	20.631	ng/ul	99
61) Fluorene	15.492	166	688123	20.152	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.486	204	336030	20.435	ng/ul	99
63) 4-Nitroaniline	15.515	138	126236	20.485	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.568	198	108870	18.978	ng/ul	99
67) N-Nitrosodiphenylamine	15.698	169	577587	19.562	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	195232	20.026	ng/ul	96
69) Hexachlorobenzene	16.498	284	227523	20.533	ng/ul	97
70) Atrazine	16.651	200	201032	18.972	ng/ul	99
71) Pentachlorophenol	16.839	266	123051	18.122	ng/ul	97
72) Phenanthrene	17.227	178	1067700	19.701	ng/ul	99
74) Anthracene	17.315	178	1101424	20.137	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	279568	19.385	ng/ul	99
76) Pentachlorobenzene	14.768	250	276479	19.907	ng/ul	100
77) Carbazole	17.586	167	962240	19.808	ng/ul	100
78) Di-n-butylphthalate	18.145	149	1032480	20.295	ng/ul	100
80) Fluoranthene	19.233	202	1235695	19.418	ng/ul	100
82) Pyrene	19.598	202	1316352	19.559	ng/ul	97
83) Butylbenzylphthalate	20.486	149	419471	19.859	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.268	252	339829	18.991	ng/ul#	98
85) Benzo(a)anthracene	21.333	228	1212092	20.273	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.262	149	592611	18.495	ng/ul	98
87) Chrysene	21.386	228	1179791	20.013	ng/ul	99
89) Di-n-octyl phthalate	22.144	149	934644	16.795	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	1098120	19.772	ng/ul	98
91) Benzo(k)fluoranthene	22.974	252	1112324	20.967	ng/ul	99
93) Benzo(a)pyrene	23.515	252	975803	20.101	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.915	276	1060461	17.749	ng/ul	96
95) Dibenzo(a,h)anthracene	25.927	278	881260	17.519	ng/ul	98
96) Benzo(g,h,i)perylene	26.621	276	865912	17.637	ng/ul	96

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

