

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
 Data File : BM033350.D
 Acq On : 09 Dec 2021 09:41
 Operator : CG/JU
 Sample : SST00511
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST005011

Quant Time: Dec 09 13:03:44 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 13:01:40 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	44772	20.000	ng/u1	0.00
20) Naphthalene-d8	10.707	136	181096	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.536	164	115636	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.271	188	240197	20.000	ng/u1	0.00
79) Chrysene-d12	21.436	240	235477	20.000	ng/u1	0.00
88) Perylene-d12	23.753	264	236752	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	2179m	1.876	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.448	132	12066	4.207	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.072	128	6537	5.028	ng/u1	0.00
24) 2-Nitrophenol-d4	9.795	143	5780	4.439	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.336	165	10520	3.528	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.942	166	38122	4.495	ng/u1	0.00
49) Acenaphthylene-d8	14.230	160	44766	4.097	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.524	176	33929	4.459	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.371	188	50971	4.402	ng/u1	0.00
81) Pyrene-d10	19.659	212	57270	4.116	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.606	264	53910	4.243	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.401	88	2650m	2.247	ng/uL	
12) 2-Chlorophenol	7.478	128	12550	4.239	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.713	70	12253	4.902	ng/u1	91
19) Hexachloroethane	8.989	117	6715	4.979	ng/u1#	85
22) Nitrobenzene	9.113	77	18385	5.067	ng/u1	96
23) Isophorone	9.642	82	31081	4.686	ng/u1	99
25) 2-Nitrophenol	9.825	139	5982	4.334	ng/u1	97
26) 2,4-Dimethylphenol	9.883	107	16525	4.557	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.119	93	17756	4.499	ng/u1	98
29) 2,4-Dichlorophenol	10.360	162	11712	4.050	ng/u1	96
30) Naphthalene	10.754	128	45325	4.707	ng/u1	100
33) Hexachlorobutadiene	11.030	225	9498	4.217	ng/u1	97
35) 4-Chloro-3-methylphenol	11.995	107	12837	4.077	ng/u1	94
36) 2-Methylnaphthalene	12.366	142	29150	4.369	ng/u1	96
37) 1-Methylnaphthalene	12.583	142	30901	4.537	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.724	216	16224	4.217	ng/u1	98
41) 2,4,6-Trichlorophenol	12.977	196	7900	3.487	ng/u1	91
42) 2,4,5-Trichlorophenol	13.054	196	8691	3.577	ng/u1	89
43) 1,1'-Biphenyl	13.371	154	40206	4.463	ng/u1	99
44) 2-Chloronaphthalene	13.413	162	30914	4.449	ng/u1	99
45) 2-Nitroaniline	13.630	65	8850	4.832	ng/u1	95
47) Dimethylphthalate	13.989	163	38587	4.668	ng/u1	98
48) 2,6-Dinitrotoluene	14.118	165	6488	4.587	ng/u1#	82
50) Acenaphthylene	14.260	152	47841	4.315	ng/u1	96

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52) Acenaphthene	14.601	153	33128	4.580	ng/ul	97
56) Dibenzofuran	14.930	168	48006	4.528	ng/ul	100
57) 2,4-Dinitrotoluene	14.907	165	8760	4.503	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.165	232	7061	3.561	ng/ul#	90
59) Diethylphthalate	15.348	149	37635	4.545	ng/ul	97
61) Fluorene	15.577	166	38328	4.548	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.571	204	20263	4.607	ng/ul	89
67) N-Nitrosodiphenylamine	15.789	169	30729	4.350	ng/ul	92
68) 4-Bromophenyl-phenylether	16.471	248	10729	4.017	ng/ul	90
69) Hexachlorobenzene	16.577	284	12908	4.218	ng/ul	99
72) Phenanthrene	17.312	178	62848	4.724	ng/ul	98
74) Anthracene	17.406	178	61732	4.627	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.336	216	17181	4.355	ng/uL#	86
76) Pentachlorobenzene	14.848	250	16180	4.183	ng/uL	97
78) Di-n-butylphthalate	18.230	149	55563	4.287	ng/ul	98
80) Fluoranthene	19.324	202	68760	4.218	ng/ul	96
82) Pyrene	19.683	202	73128	4.418	ng/ul	99
83) Butylbenzylphthalate	20.571	149	23347	4.128	ng/ul	98
85) Benzo(a)anthracene	21.418	228	68525	4.499	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.336	149	34106	4.255	ng/ul#	98
87) Chrysene	21.471	228	70069	4.711	ng/ul	98
90) Benzo(b)fluoranthene	23.053	252	71175	4.464	ng/ul	98
91) Benzo(k)fluoranthene	23.100	252	66894	4.580	ng/ul	97
93) Benzo(a)pyrene	23.653	252	68418	4.540	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.129	276	76573	4.563	ng/ul	100
95) Dibenzo(a,h)anthracene	26.141	278	66274	4.616	ng/ul	100
96) Benzo(g,h,i)perylene	26.859	276	65301	4.483	ng/ul	96

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

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