

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
 Data File : BM033351.D
 Acq On : 09 Dec 2021 10:16
 Operator : CG/JU
 Sample : SSTD01012
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD010012

Quant Time: Dec 09 13:10:24 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	7.913	152	39493	20.000	ng/u1	0.00
20) Naphthalene-d8	10.707	136	167421	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.536	164	110791	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.271	188	245987	20.000	ng/u1	0.00
79) Chrysene-d12	21.436	240	266649	20.000	ng/u1	0.00
88) Perylene-d12	23.759	264	276811	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	4346m	4.242	ng/uL	0.00
4) Pyridine-d5	3.790	84	26868	9.522	ng/u1	0.00
7) Phenol-d5	7.084	99	33045	9.892	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.243	67	23411	11.049	ng/u1	0.00
11) 2-Chlorophenol-d4	7.448	132	24886	9.836	ng/u1	0.00
15) 4-Methylphenol-d8	8.619	113	25312	9.763	ng/u1	0.00
21) Nitrobenzene-d5	9.072	128	12417	10.330	ng/u1	0.00
24) 2-Nitrophenol-d4	9.795	143	12104	10.055	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.331	165	23814	8.638	ng/u1	0.00
31) 4-Chloroaniline-d4	10.848	131	33438	9.121	ng/u1	0.00
46) Dimethylphthalate-d6	13.942	166	79627	9.799	ng/u1	0.00
49) Acenaphthylene-d8	14.230	160	96962	9.262	ng/u1	0.00
54) 4-Nitrophenol-d4	14.754	143	11244	8.494	ng/u1	0.00
60) Fluorene-d10	15.524	176	70568	9.680	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.642	200	10660	9.221	ng/u1	0.00
73) Anthracene-d10	17.371	188	114126	9.625	ng/u1	0.00
81) Pyrene-d10	19.653	212	138406	8.783	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.612	264	142648	9.602	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.402	88	4969	4.777	ng/uL	91
5) Pyridine	3.813	79	28420	9.870	ng/u1	88
6) Benzaldehyde	7.060	77	26046m	13.680	ng/u1	
8) Phenol	7.113	94	34659	10.419	ng/u1	88
10) Bis(2-Chloroethyl)ether	7.337	93	27008	10.220	ng/u1	98
12) 2-Chlorophenol	7.478	128	26223	10.041	ng/u1	91
13) 2-Methylphenol	8.360	108	24565	9.640	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.437	45	48428	11.866	ng/u1	98
16) Acetophenone	8.737	105	43888	10.725	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.713	70	25855	11.727	ng/u1	95
18) 4-Methylphenol	8.684	108	27191	10.178	ng/u1	96
19) Hexachloroethane	8.989	117	13989	11.758	ng/u1	92
22) Nitrobenzene	9.119	77	38200	11.388	ng/u1	99
23) Isophorone	9.636	82	63073	10.287	ng/u1	99
25) 2-Nitrophenol	9.825	139	13550	10.619	ng/u1	95
26) 2,4-Dimethylphenol	9.884	107	33135	9.883	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.119	93	36326	9.956	ng/u1	96
29) 2,4-Dichlorophenol	10.360	162	24697	9.239	ng/u1	99
30) Naphthalene	10.754	128	90384	10.152	ng/u1	99
32) 4-Chloroaniline	10.872	127	34078	9.201	ng/u1	94
33) Hexachlorobutadiene	11.031	225	19146	9.195	ng/u1	93
34) Caprolactam	11.660	113	7099m	9.237	ng/u1	
35) 4-Chloro-3-methylphenol	11.995	107	27428	9.422	ng/u1#	89
36) 2-Methylnaphthalene	12.366	142	59378	9.626	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.583	142	62485	9.923	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.730	216	32155	8.724	ng/ul	97
40) Hexachlorocyclopentadiene	12.701	237	18444	7.111	ng/ul	99
41) 2,4,6-Trichlorophenol	12.972	196	17698	8.153	ng/ul	92
42) 2,4,5-Trichlorophenol	13.048	196	19559	8.402	ng/ul	92
43) 1,1'-Biphenyl	13.372	154	81401	9.430	ng/ul	99
44) 2-Chloronaphthalene	13.413	162	63730	9.573	ng/ul	99
45) 2-Nitroaniline	13.624	65	20988	11.962	ng/ul	98
47) Dimethylphthalate	13.989	163	79849	10.081	ng/ul	99
48) 2,6-Dinitrotoluene	14.113	165	14197	10.476	ng/ul	88
50) Acenaphthylene	14.260	152	102793	9.676	ng/ul	98
51) 3-Nitroaniline	14.448	138	13325	9.759	ng/ul	93
52) Acenaphthene	14.601	153	69145	9.977	ng/ul	96
53) 2,4-Dinitrophenol	14.654	184	5542	8.012	ng/ul	95
55) 4-Nitrophenol	14.760	109	13305	9.841	ng/ul	86
56) Dibenzofuran	14.936	168	99394	9.785	ng/ul	100
57) 2,4-Dinitrotoluene	14.901	165	21005	11.271	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.160	232	16425	8.645	ng/ul#	97
59) Diethylphthalate	15.348	149	82068	10.345	ng/ul	99
61) Fluorene	15.583	166	82844	10.261	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.571	204	40885	9.702	ng/ul	97
63) 4-Nitroaniline	15.607	138	14668	10.925	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.654	198	11072	9.556	ng/ul#	99
67) N-Nitrosodiphenylamine	15.789	169	68473	9.464	ng/ul	97
68) 4-Bromophenyl-phenylether	16.465	248	23437	8.568	ng/ul	96
69) Hexachlorobenzene	16.577	284	27502	8.776	ng/ul	97
70) Atrazine	16.736	200	24998	8.942	ng/ul	99
71) Pentachlorophenol	16.924	266	11039	6.094	ng/ul	93
72) Phenanthrene	17.318	178	137672	10.104	ng/ul	99
74) Anthracene	17.407	178	137368	10.053	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.336	216	33291	8.239	ng/uL	94
76) Pentachlorobenzene	14.848	250	33675	8.501	ng/uL	94
77) Carbazole	17.683	167	117710	9.697	ng/ul	99
78) Di-n-butylphthalate	18.230	149	132535	9.985	ng/ul	98
80) Fluoranthene	19.324	202	162515	8.804	ng/ul	96
82) Pyrene	19.683	202	175381	9.357	ng/ul	98
83) Butylbenzylphthalate	20.571	149	61419	9.591	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.353	252	55878	9.302	ng/ul	96
85) Benzo(a)anthracene	21.418	228	171331	9.934	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.342	149	89117	9.818	ng/ul	99
87) Chrysene	21.471	228	169336	10.054	ng/ul	98
89) Di-n-octyl phthalate	22.242	149	158923	9.422	ng/ul	100
90) Benzo(b)fluoranthene	23.053	252	177553	9.524	ng/ul	97
91) Benzo(k)fluoranthene	23.100	252	166197	9.732	ng/ul	99
93) Benzo(a)pyrene	23.653	252	171942	9.759	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.130	276	191858	9.779	ng/ul	96
95) Dibenzo(a,h)anthracene	26.147	278	167936	10.005	ng/ul	97
96) Benzo(g,h,i)perylene	26.859	276	161448	9.481	ng/ul	100

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

