

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
 Data File : BM033132.D
 Acq On : 17 Nov 2021 22:47
 Operator : CG/JU
 Sample : PB140791BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS791

Quant Time: Nov 18 00:36:49 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 17 14:14:11 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/18/2021
 Supervised By :mohammad ahmed 11/26/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	90441	20.000	ng/u1	0.00
20) Naphthalene-d8	10.772	136	373835	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.589	164	248974	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.324	188	530270	20.000	ng/u1	0.00
79) Chrysene-d12	21.477	240	510950	20.000	ng/u1	0.00
88) Perylene-d12	23.830	264	495775	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	13922	5.934	ng/uL	0.00
4) Pyridine-d5	3.843	84	201630	31.202	ng/u1	0.00
7) Phenol-d5	7.125	99	248244	32.450	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.301	67	157630	32.486	ng/u1	0.00
11) 2-Chlorophenol-d4	7.501	132	195911	33.811	ng/u1	0.00
15) 4-Methylphenol-d8	8.672	113	198063	33.360	ng/u1	0.00
21) Nitrobenzene-d5	9.131	128	91721	34.173	ng/u1	0.00
24) 2-Nitrophenol-d4	9.854	143	95566	35.552	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.389	165	202676	32.925	ng/u1	0.00
31) 4-Chloroaniline-d4	10.907	131	239255	29.226	ng/u1	0.00
46) Dimethylphthalate-d6	14.001	166	617156	33.795	ng/u1	0.00
49) Acenaphthylene-d8	14.289	160	764411	32.491	ng/u1	0.00
54) 4-Nitrophenol-d4	14.772	143	102597	34.490	ng/u1	0.00
60) Fluorene-d10	15.577	176	539668	32.943	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.689	200	87555	35.134	ng/u1	0.00
73) Anthracene-d10	17.424	188	843461	32.998	ng/u1	0.00
81) Pyrene-d10	19.706	212	1010638	33.471	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.677	264	916948	34.462	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.460	88	30226	12.690	ng/uL	95
5) Pyridine	3.860	79	210833	31.973	ng/u1	99
6) Benzaldehyde	7.119	77	161519	37.046	ng/u1	99
8) Phenol	7.154	94	265777	34.887	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.396	93	210662	34.811	ng/u1	99
12) 2-Chlorophenol	7.537	128	211063	35.291	ng/u1	98
13) 2-Methylphenol	8.407	108	203811	34.924	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.495	45	329227	35.224	ng/u1	99
16) Acetophenone	8.795	105	323537	34.525	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.784	70	179349	35.521	ng/u1	97
18) 4-Methylphenol	8.731	108	217353	35.528	ng/u1	100
19) Hexachloroethane	9.054	117	96005	35.238	ng/u1	92
22) Nitrobenzene	9.178	77	262809	35.086	ng/u1	100
23) Isophorone	9.707	82	477120	34.850	ng/u1	99
25) 2-Nitrophenol	9.884	139	106250	37.291	ng/u1	96
26) 2,4-Dimethylphenol	9.937	107	250359	33.443	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.178	93	284317	34.897	ng/u1	98
29) 2,4-Dichlorophenol	10.413	162	206232	34.550	ng/u1	96
30) Naphthalene	10.825	128	670680	33.738	ng/u1	98
32) 4-Chloroaniline	10.931	127	250736	30.319	ng/u1	98
33) Hexachlorobutadiene	11.101	225	153442	33.001	ng/u1	98
34) Caprolactam	11.719	113	59671m	34.772	ng/u1	
35) 4-Chloro-3-methylphenol	12.036	107	232355	35.748	ng/u1	97
36) 2-Methylnaphthalene	12.425	142	475615	34.531	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.642	142	479219	34.083	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.789	216	278786	33.656	ng/ul	98
40) Hexachlorocyclopentadiene	12.766	237	180268	30.928	ng/ul	100
41) 2,4,6-Trichlorophenol	13.025	196	170015	34.851	ng/ul	96
42) 2,4,5-Trichlorophenol	13.095	196	187239	35.794	ng/ul	97
43) 1,1'-Biphenyl	13.430	154	652082	33.615	ng/ul	97
44) 2-Chloronaphthalene	13.472	162	500527	33.458	ng/ul	99
45) 2-Nitroaniline	13.672	65	153938	39.040	ng/ul	99
47) Dimethylphthalate	14.048	163	630726	35.436	ng/ul	99
48) 2,6-Dinitrotoluene	14.166	165	121949	40.045	ng/ul	94
50) Acenaphthylene	14.313	152	808042	33.846	ng/ul	99
51) 3-Nitroaniline	14.495	138	108053	35.215	ng/ul#	92
52) Acenaphthene	14.654	153	531427	34.122	ng/ul	98
53) 2,4-Dinitrophenol	14.695	184	58561	37.675	ng/ul	93
55) 4-Nitrophenol	14.789	109	110404	36.338	ng/ul	95
56) Dibenzofuran	14.989	168	774588	33.934	ng/ul	100
57) 2,4-Dinitrotoluene	14.948	165	173269	41.371	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.207	232	159210	37.287	ng/ul	99
59) Diethylphthalate	15.407	149	646930	36.289	ng/ul	99
61) Fluorene	15.636	166	627947	34.610	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.630	204	326088	34.435	ng/ul	100
63) 4-Nitroaniline	15.648	138	119893	39.737	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.701	198	93999	37.634	ng/ul	96
67) N-Nitrosodiphenylamine	15.842	169	549027	35.203	ng/ul	99
68) 4-Bromophenyl-phenylether	16.518	248	206394	35.001	ng/ul	97
69) Hexachlorobenzene	16.630	284	236263	34.973	ng/ul	98
70) Atrazine	16.789	200	207997	34.514	ng/ul	99
71) Pentachlorophenol	16.971	266	138075	35.359	ng/ul	96
72) Phenanthrene	17.371	178	1032750	35.160	ng/ul	99
74) Anthracene	17.460	178	1031532	35.019	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.389	216	280785	32.237	ng/uL	97
76) Pentachlorobenzene	14.907	250	276447	32.375	ng/uL	99
77) Carbazole	17.724	167	934982	35.730	ng/ul	99
78) Di-n-butylphthalate	18.289	149	1104896	38.614	ng/ul	100
80) Fluoranthene	19.371	202	1245387	35.207	ng/ul	99
82) Pyrene	19.736	202	1264084	35.195	ng/ul	100
83) Butylbenzylphthalate	20.618	149	472532	38.508	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.395	252	383987	33.358	ng/ul	97
85) Benzo(a)anthracene	21.465	228	1195719	36.181	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.389	149	685486	39.411	ng/ul	100
87) Chrysene	21.518	228	1165088	36.101	ng/ul	98
89) Di-n-octyl phthalate	22.300	149	1147211	37.977	ng/ul	100
90) Benzo(b)fluoranthene	23.118	252	1248315	37.386	ng/ul	99
91) Benzo(k)fluoranthene	23.165	252	1114198	36.427	ng/ul	98
93) Benzo(a)pyrene	23.730	252	1161457	36.806	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.235	276	1272969	36.225	ng/ul	96
95) Dibenzo(a,h)anthracene	26.253	278	1087915	36.187	ng/ul	98
96) Benzo(g,h,i)perylene	26.977	276	1107034	36.296	ng/ul	98

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

