

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111723\
 Data File : BM042917.D
 Acq On : 19 Nov 2023 22:55
 Operator : MA/JU
 Sample : PB157215BS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS215

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :mohammad ahmed 11/20/2023

Quant Time: Nov 19 23:26:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 22:06:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	32330	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.616	136	138249	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	92872	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.221	188	200366	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	230020	20.000	ng/u1	0.00
88) Perylene-d12	23.762	264	248250	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	5514	5.352	ng/uL	0.00
4) Pyridine-d5	3.599	84	74118	28.919	ng/u1	0.00
7) Phenol-d5	6.969	99	98088	31.173	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	73288	33.147	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	71244	29.344	ng/u1	-0.01
15) 4-Methylphenol-d8	8.528	113	71907	29.024	ng/u1	0.00
21) Nitrobenzene-d5	9.004	128	33330	27.498	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.716	143	37893	26.724	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	75496	28.635	ng/u1	0.00
31) 4-Chloroaniline-d4	10.792	131	81175	24.249	ng/u1	0.00
46) Dimethylphthalate-d6	13.886	166	235771	26.824	ng/u1	0.00
49) Acenaphthylene-d8	14.163	160	258171	27.452	ng/u1	0.00
54) 4-Nitrophenol-d4	14.715	143	22346	22.502	ng/u1	0.00
60) Fluorene-d10	15.462	176	202227	27.784	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.610	200	40763	26.858	ng/u1	0.00
73) Anthracene-d10	17.321	188	314351	27.994	ng/u1	0.00
81) Pyrene-d10	19.615	212	409579	27.192	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.609	264	426367	28.713	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	13691	12.478	ng/uL#	90
5) Pyridine	3.616	79	80369	28.838	ng/u1	88
6) Benzaldehyde	6.969	77	63161	34.987	ng/u1	91
8) Phenol	6.992	94	105999	33.867	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.245	93	87951	34.019	ng/u1	93
12) 2-Chlorophenol	7.357	128	78481	32.481	ng/u1#	86
13) 2-Methylphenol	8.251	108	73991	31.702	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.316	45	177542m	37.724	ng/u1	
16) Acetophenone	8.657	105	133560	32.061	ng/u1	88
17) N-Nitroso-di-n-propyla...	8.628	70	83958	33.107	ng/u1	90
18) 4-Methylphenol	8.586	108	81651	32.178	ng/u1	96
19) Hexachloroethane	8.851	117	46615	34.614	ng/u1	83
22) Nitrobenzene	9.045	77	125342	34.214	ng/u1	95
23) Isophorone	9.551	82	223471	30.628	ng/u1	95
25) 2-Nitrophenol	9.745	139	41665	28.922	ng/u1	89
26) 2,4-Dimethylphenol	9.792	107	72348	23.472	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.045	93	120573	32.702	ng/u1	99
29) 2,4-Dichlorophenol	10.263	162	75519	30.254	ng/u1	97
30) Naphthalene	10.669	128	261192	30.157	ng/u1	99
32) 4-Chloroaniline	10.816	127	73357	22.842	ng/u1	98
33) Hexachlorobutadiene	10.886	225	67637	30.674	ng/u1	98
34) Caprolactam	11.645	113	21143m	28.566	ng/u1	
35) 4-Chloro-3-methylphenol	11.927	107	84371	31.543	ng/u1	99
36) 2-Methylnaphthalene	12.280	142	181516	31.270	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	180314	29.544	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.633	216	116084	31.871	ng/ul	98
40) Hexachlorocyclopentadiene	12.574	237	44771	25.963	ng/ul	97
41) 2,4,6-Trichlorophenol	12.898	196	67294	30.247	ng/ul	97
42) 2,4,5-Trichlorophenol	12.974	196	68143	31.720	ng/ul	95
43) 1,1'-Biphenyl	13.298	154	246777	31.862	ng/ul	98
44) 2-Chloronaphthalene	13.345	162	194032	31.141	ng/ul	96
45) 2-Nitroaniline	13.598	65	71542	35.207	ng/ul	90
47) Dimethylphthalate	13.933	163	254700	29.751	ng/ul	100
48) 2,6-Dinitrotoluene	14.086	165	46895	29.157	ng/ul	89
50) Acenaphthylene	14.192	152	328155	31.140	ng/ul	100
51) 3-Nitroaniline	14.433	138	37645	28.623	ng/ul	97
52) Acenaphthene	14.527	153	223678	31.385	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	19971	24.972	ng/ul	88
55) 4-Nitrophenol	14.727	109	48496	31.033	ng/ul	94
56) Dibenzofuran	14.868	168	314073	31.751	ng/ul	97
57) 2,4-Dinitrotoluene	14.874	165	75233	31.861	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.086	232	64302	28.835	ng/ul#	100
59) Diethylphthalate	15.286	149	269261	29.993	ng/ul	99
61) Fluorene	15.515	166	273007	32.508	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.510	204	150716	33.300	ng/ul	96
63) 4-Nitroaniline	15.604	138	37153	30.986	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.627	198	46518	30.106	ng/ul	92
67) N-Nitrosodiphenylamine	15.739	169	206348	32.836	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	86318	32.365	ng/ul	91
69) Hexachlorobenzene	16.486	284	104412	32.024	ng/ul	98
70) Atrazine	16.686	200	51294	21.190	ng/ul	98
71) Pentachlorophenol	16.856	266	49585	26.411	ng/ul	95
72) Phenanthrene	17.262	178	409352	32.703	ng/ul	99
74) Anthracene	17.356	178	410473	32.601	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.251	216	113999	32.176	ng/uL	99
76) Pentachlorobenzene	14.757	250	114783	30.876	ng/uL	99
77) Carbazole	17.651	167	312162	30.026	ng/ul	99
78) Di-n-butylphthalate	18.168	149	477763	31.427	ng/ul	98
80) Fluoranthene	19.280	202	511763	29.798	ng/ul	98
82) Pyrene	19.650	202	550316	30.220	ng/ul	100
83) Butylbenzylphthalate	20.533	149	217383	27.948	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.339	252	157867	26.816	ng/ul	98
85) Benzo(a)anthracene	21.391	228	564967	31.289	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.274	149	336270	28.495	ng/ul	97
87) Chrysene	21.444	228	542735	30.993	ng/ul	100
89) Di-n-octyl phthalate	22.186	149	576192	28.733	ng/ul	100
90) Benzo(b)fluoranthene	23.038	252	550622	32.501	ng/ul#	98
91) Benzo(k)fluoranthene	23.086	252	582763	32.314	ng/ul	99
93) Benzo(a)pyrene	23.662	252	537829	32.579	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.221	276	672347	32.771	ng/ul	99
95) Dibenzo(a,h)anthracene	26.232	278	557288	32.763	ng/ul	98
96) Benzo(g,h,i)perylene	26.985	276	523414	32.127	ng/ul	98

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

