

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
 Data File : BM036723.D
 Acq On : 24 Sep 2022 21:12
 Operator : CG/JU
 Sample : PB147748BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS748

Quant Time: Sep 26 03:28:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 24 00:41:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
 Supervised By :mohammad ahmed 09/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	394139	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1713480	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.633	164	1053086	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1991975	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1405632	20.000	ng/ul	-0.01
88) Perylene-d12	23.968	264	1186807	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	53542	5.093	ng/uL	0.00
4) Pyridine-d5	3.810	84	642482	20.953	ng/ul	0.00
7) Phenol-d5	7.163	99	1115538	31.672	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	671701	31.402	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	861423	33.970	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	872571	33.527	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	428635	36.959	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	423677	40.784	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	834395	34.658	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.957	131	602581	15.054	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2323319	32.711	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	2825173	33.534	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	410066	29.767	ng/ul	0.00
60) Fluorene-d10	15.621	176	2041390	32.073	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	289442	36.726	ng/ul	0.00
73) Anthracene-d10	17.468	188	2981614	32.737	ng/ul	0.00
81) Pyrene-d10	19.751	212	2998944	43.368	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	2044263	35.257	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.422	88	121261	10.707	ng/uL	98
5) Pyridine	3.834	79	833740	27.064	ng/ul	94
6) Benzaldehyde	7.140	77	795133m	46.619	ng/ul	
8) Phenol	7.193	94	1261116	33.360	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	965806	32.837	ng/ul	100
12) 2-Chlorophenol	7.569	128	949079	34.599	ng/ul	98
13) 2-Methylphenol	8.451	108	931304	33.517	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.545	45	1139881	32.698	ng/ul	98
16) Acetophenone	8.834	105	1477008	32.719	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	740476	33.995	ng/ul	96
18) 4-Methylphenol	8.781	108	1019351	33.926	ng/ul	99
19) Hexachloroethane	9.092	117	365614	32.906	ng/ul	96
22) Nitrobenzene	9.216	77	1102539	35.805	ng/ul	98
23) Isophorone	9.751	82	2036989	32.444	ng/ul	99
25) 2-Nitrophenol	9.928	139	507159	39.526	ng/ul	100
26) 2,4-Dimethylphenol	9.987	107	1049075	33.150	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1272548	34.005	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	897265	35.451	ng/ul	100
30) Naphthalene	10.869	128	3069466	32.883	ng/ul	100
32) 4-Chloroaniline	10.981	127	999438	24.185	ng/ul	100
33) Hexachlorobutadiene	11.151	225	499970	32.299	ng/ul	99
34) Caprolactam	11.775	113	271672m	33.091	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	985701	35.281	ng/ul	98
36) 2-Methylnaphthalene	12.469	142	2083627	33.503	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	2104285	33.657	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	1004950	33.716	ng/ul	100
40) Hexachlorocyclopentadiene	12.816	237	397384	25.582	ng/ul	99
41) 2,4,6-Trichlorophenol	13.075	196	644136	35.295	ng/ul	100
42) 2,4,5-Trichlorophenol	13.145	196	706114	36.087	ng/ul	99
43) 1,1'-Biphenyl	13.475	154	2638478	33.988	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	2048653	33.631	ng/ul	99
45) 2-Nitroaniline	13.716	65	608997	40.617	ng/ul	98
47) Dimethylphthalate	14.092	163	2518819	33.432	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	498277	40.679	ng/ul	99
50) Acenaphthylene	14.357	152	3195136	33.172	ng/ul	99
51) 3-Nitroaniline	14.539	138	567607	38.637	ng/ul#	96
52) Acenaphthene	14.698	153	2238072	33.208	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	179926	33.104	ng/ul	96
55) 4-Nitrophenol	14.839	109	356558	30.278	ng/ul	97
56) Dibenzofuran	15.027	168	3002216	33.170	ng/ul	98
57) 2,4-Dinitrotoluene	14.992	165	703658	39.515	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.251	232	543302	33.170	ng/ul#	97
59) Diethylphthalate	15.451	149	2558152	33.918	ng/ul	100
61) Fluorene	15.674	166	2557464	33.177	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.669	204	1214623	32.947	ng/ul	99
63) 4-Nitroaniline	15.698	138	563550	39.483	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.751	198	317917	35.747	ng/ul	98
67) N-Nitrosodiphenylamine	15.880	169	2092667	35.669	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	674481	34.353	ng/ul	98
69) Hexachlorobenzene	16.674	284	766413	33.003	ng/ul	98
70) Atrazine	16.833	200	357722	17.279	ng/ul	99
71) Pentachlorophenol	17.015	266	404674	29.337	ng/ul	99
72) Phenanthrene	17.410	178	3780929	34.460	ng/ul	99
74) Anthracene	17.504	178	3794391	34.023	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	1042550	38.266	ng/uL	100
76) Pentachlorobenzene	14.945	250	920763	31.247	ng/uL	100
77) Carbazole	17.768	167	3358770	32.529	ng/ul	100
78) Di-n-butylphthalate	18.333	149	4255356	36.361	ng/ul	99
80) Fluoranthene	19.415	202	3887802	45.880	ng/ul	99
82) Pyrene	19.780	202	4009892	44.704	ng/ul	98
83) Butylbenzylphthalate	20.674	149	1579927	46.484	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.450	252	1009963	36.772	ng/ul	98
85) Benzo(a)anthracene	21.521	228	3201025	36.346	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.445	149	2414000	48.620	ng/ul	99
87) Chrysene	21.574	228	2956666	35.369	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	3464155	48.416	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2803558	37.252	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	2759251	36.692	ng/ul	99
93) Benzo(a)pyrene	23.862	252	2418286	36.552	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.503	276	2696187	34.897	ng/ul	97
95) Dibenzo(a,h)anthracene	26.521	278	2459629	35.103	ng/ul	99
96) Benzo(g,h,i)perylene	27.285	276	2300766	34.350	ng/ul	98

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

