

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042787.D
 Acq On : 16 Nov 2023 02:18
 Operator : MA/JU
 Sample : PB156744BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS744

Quant Time: Nov 16 03:06:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	27534	20.000	ng/u1	0.00
20) Naphthalene-d8	10.639	136	114376	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.480	164	76932	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	174332	20.000	ng/u1	0.00
79) Chrysene-d12	21.415	240	197296	20.000	ng/u1	0.00
88) Perylene-d12	23.780	264	210479	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	4934	5.623	ng/uL	0.00
4) Pyridine-d5	3.610	84	61150	28.016	ng/u1	0.00
7) Phenol-d5	6.992	99	79015	29.486	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	60108	31.921	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	58404	28.246	ng/u1	0.00
15) 4-Methylphenol-d8	8.551	113	58161	27.565	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	26995	26.920	ng/u1	0.00
24) 2-Nitrophenol-d4	9.739	143	30631	26.111	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	61401	28.150	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	68261	24.648	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	200587	27.549	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	213902	27.457	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	19985	24.294	ng/u1	0.00
60) Fluorene-d10	15.474	176	162808	27.003	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	32843	24.871	ng/u1	0.00
73) Anthracene-d10	17.333	188	256058	26.208	ng/u1	0.00
81) Pyrene-d10	19.633	212	352820	27.309	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.627	264	366869	29.140	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.210	88	10161	10.873	ng/uL#	85
5) Pyridine	3.634	79	73259	30.866	ng/u1	99
6) Benzaldehyde	6.992	77	50521	32.859	ng/u1	96
8) Phenol	7.022	94	79051	29.657	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.269	93	67805	30.795	ng/u1	93
12) 2-Chlorophenol	7.381	128	60543	29.421	ng/u1#	87
13) 2-Methylphenol	8.281	108	57272	28.813	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.339	45	134435m	33.540	ng/u1	
16) Acetophenone	8.681	105	101117	28.501	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.645	70	65400	30.281	ng/u1	91
18) 4-Methylphenol	8.616	108	62328	28.841	ng/u1	95
19) Hexachloroethane	8.881	117	34326	29.929	ng/u1	88
22) Nitrobenzene	9.069	77	94021	31.022	ng/u1	95
23) Isophorone	9.575	82	174096	28.841	ng/u1	96
25) 2-Nitrophenol	9.775	139	33949	28.484	ng/u1	94
26) 2,4-Dimethylphenol	9.816	107	60028	23.540	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.069	93	92224	30.234	ng/u1	99
29) 2,4-Dichlorophenol	10.292	162	60344	29.220	ng/u1	98
30) Naphthalene	10.692	128	201246	28.085	ng/u1	99
32) 4-Chloroaniline	10.839	127	63254	23.807	ng/u1	95
33) Hexachlorobutadiene	10.910	225	50303	27.575	ng/u1	93
34) Caprolactam	11.657	113	18826m	30.745	ng/u1	
35) 4-Chloro-3-methylphenol	11.951	107	65075	29.407	ng/u1	90
36) 2-Methylnaphthalene	12.304	142	134846	28.079	ng/u1	98

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37) 1-Methylnaphthalene	12.522	142	135595	26.854	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.657	216	86016	28.509	ng/ul	96
40) Hexachlorocyclopentadiene	12.592	237	27372	19.162	ng/ul	96
41) 2,4,6-Trichlorophenol	12.916	196	51820	28.118	ng/ul	92
42) 2,4,5-Trichlorophenol	12.992	196	52005	29.224	ng/ul	97
43) 1,1'-Biphenyl	13.316	154	183750	28.640	ng/ul#	98
44) 2-Chloronaphthalene	13.368	162	147416	28.561	ng/ul	96
45) 2-Nitroaniline	13.616	65	53282	31.654	ng/ul	92
47) Dimethylphthalate	13.951	163	200977	28.339	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	38122	28.613	ng/ul	91
50) Acenaphthylene	14.210	152	249195	28.547	ng/ul	99
51) 3-Nitroaniline	14.451	138	27828	25.543	ng/ul	97
52) Acenaphthene	14.545	153	168036	28.463	ng/ul	96
53) 2,4-Dinitrophenol	14.657	184	14566	21.987	ng/ul	86
55) 4-Nitrophenol	14.745	109	25390	19.614	ng/ul	97
56) Dibenzofuran	14.886	168	234384	28.604	ng/ul	97
57) 2,4-Dinitrotoluene	14.892	165	57120	29.202	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.104	232	53136	28.765	ng/ul#	96
59) Diethylphthalate	15.304	149	209925	28.229	ng/ul	99
61) Fluorene	15.533	166	204304	29.367	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.527	204	110744	29.538	ng/ul	97
63) 4-Nitroaniline	15.615	138	27819m	28.008	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.639	198	35664	26.528	ng/ul#	86
67) N-Nitrosodiphenylamine	15.751	169	154835	28.318	ng/ul	99
68) 4-Bromophenyl-phenylether	16.421	248	65105	28.056	ng/ul	95
69) Hexachlorobenzene	16.504	284	80424	28.351	ng/ul	96
70) Atrazine	16.704	200	62283	29.573	ng/ul	98
71) Pentachlorophenol	16.868	266	44483	27.231	ng/ul	97
72) Phenanthrene	17.280	178	318966	29.287	ng/ul	99
74) Anthracene	17.368	178	304021	27.753	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.269	216	88676	28.767	ng/ul	99
76) Pentachlorobenzene	14.774	250	92859	28.709	ng/ul	99
77) Carbazole	17.662	167	249764	27.612	ng/ul	98
78) Di-n-butylphthalate	18.180	149	375063	28.355	ng/ul	99
80) Fluoranthene	19.292	202	408323	27.718	ng/ul	98
82) Pyrene	19.662	202	440997	28.234	ng/ul	99
83) Butylbenzylphthalate	20.544	149	174761	26.195	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.350	252	126187	24.990	ng/ul	98
85) Benzo(a)anthracene	21.403	228	447477	28.893	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	267090	26.387	ng/ul	99
87) Chrysene	21.456	228	434356	28.918	ng/ul	99
89) Di-n-octyl phthalate	22.197	149	464581	27.325	ng/ul	100
90) Benzo(b)fluoranthene	23.050	252	441076	30.707	ng/ul#	98
91) Benzo(k)fluoranthene	23.097	252	475789	31.116	ng/ul	98
93) Benzo(a)pyrene	23.674	252	433122	30.944	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.250	276	530532	30.499	ng/ul	97
95) Dibenzo(a,h)anthracene	26.256	278	441088	30.585	ng/ul	98
96) Benzo(g,h,i)perylene	27.015	276	414541	30.011	ng/ul	100

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

