

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037885.D
 Acq On : 08 Dec 2022 14:08
 Operator : CG/JU
 Sample : N5832-14MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXK9MSD

Quant Time: Dec 08 22:38:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	250645	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	928258	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	459317	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	833801	20.000	ng/u1	0.00
79) Chrysene-d12	21.650	240	559832	20.000	ng/u1	0.02
88) Perylene-d12	24.144	264	923595m	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	32512m	5.890	ng/uL	0.00
4) Pyridine-d5	3.863	84	407598	24.891	ng/u1	0.00
7) Phenol-d5	7.246	99	732535	35.966	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	423289	34.130	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	613902	36.743	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	564162	35.485	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	300099	40.832	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	327923	42.576	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	566092	38.696	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	450358	22.302	ng/u1	0.00
46) Dimethylphthalate-d6	14.127	166	1313678	40.117	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	1598438	39.939	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	214687	38.469	ng/u1	0.01
60) Fluorene-d10	15.710	176	1129302	38.709	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	109646	24.596	ng/u1	0.01
73) Anthracene-d10	17.580	188	1270169	32.640	ng/u1	0.02
81) Pyrene-d10	19.851	212	1455673	43.286	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.992	264	1739774m	37.713	ng/u1	0.05
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	75320	13.007	ng/uL	98
5) Pyridine	3.887	79	472310	28.700	ng/u1	88
6) Benzaldehyde	7.222	77	396228	52.013	ng/u1	99
8) Phenol	7.275	94	829921	40.628	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.504	93	635502	37.886	ng/u1	98
12) 2-Chlorophenol	7.651	128	701901	41.076	ng/u1	100
13) 2-Methylphenol	8.534	108	636171	40.696	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.622	45	1094069	36.121	ng/u1	97
16) Acetophenone	8.922	105	990042	39.594	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.910	70	460848	39.124	ng/u1	93
18) 4-Methylphenol	8.869	108	685814	40.555	ng/u1	99
19) Hexachloroethane	9.175	117	277644	40.643	ng/u1	94
22) Nitrobenzene	9.304	77	671020	42.432	ng/u1	97
23) Isophorone	9.839	82	1267644	43.744	ng/u1	98
25) 2-Nitrophenol	10.022	139	371058	45.953	ng/u1	100
26) 2,4-Dimethylphenol	10.075	107	696497	44.604	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.316	93	797959	41.424	ng/u1	98
29) 2,4-Dichlorophenol	10.557	162	607749	42.343	ng/u1	100
30) Naphthalene	10.963	128	4163140	83.107	ng/u1	100
32) 4-Chloroaniline	11.075	127	582374	28.920	ng/u1	99
33) Hexachlorobutadiene	11.239	225	406372	43.038	ng/u1	99
34) Caprolactam	11.869	113	164787	44.757	ng/u1	84
35) 4-Chloro-3-methylphenol	12.186	107	551281	42.196	ng/u1	95
36) 2-Methylnaphthalene	12.563	142	2523241	77.660	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.780	142	1511632	45.500	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.922	216	673275	44.862	ng/ul	98
40) Hexachlorocyclopentadiene	12.898	237	125531	14.622	ng/ul	99
41) 2,4,6-Trichlorophenol	13.163	196	432646	47.328	ng/ul	98
42) 2,4,5-Trichlorophenol	13.233	196	442024	46.364	ng/ul	98
43) 1,1'-Biphenyl	13.557	154	2067385	55.996	ng/ul	98
44) 2-Chloronaphthalene	13.604	162	1259886	44.235	ng/ul	98
45) 2-Nitroaniline	13.804	65	331520	48.308	ng/ul	99
47) Dimethylphthalate	14.175	163	1441700	44.623	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	294024	46.852	ng/ul	100
50) Acenaphthylene	14.445	152	3546257	80.583	ng/ul	99
51) 3-Nitroaniline	14.627	138	305876	48.852	ng/ul	97
52) Acenaphthene	14.786	153	2844906	93.463	ng/ul	100
53) 2,4-Dinitrophenol	14.833	184	88064	28.598	ng/ul	95
55) 4-Nitrophenol	14.939	109	166178	45.152	ng/ul	97
56) Dibenzofuran	15.121	168	5043382	121.360	ng/ul	97
57) 2,4-Dinitrotoluene	15.080	165	394936	46.470	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.339	232	347790	43.367	ng/ul#	93
59) Diethylphthalate	15.527	149	1398368	43.447	ng/ul	99
61) Fluorene	15.769	166	6263381	184.810	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	633426	38.244	ng/ul	94
63) 4-Nitroaniline	15.786	138	357247	62.927	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.845	198	136579	31.647	ng/ul	94
67) N-Nitrosodiphenylamine	15.969	169	1185587	47.138	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	412289	45.108	ng/ul	97
69) Hexachlorobenzene	16.768	284	473449	43.395	ng/ul	94
70) Atrazine	16.921	200	256436	29.835	ng/ul	97
71) Pentachlorophenol	17.121	266	397796	65.579	ng/ul	99
72) Phenanthrene	17.521	178	16378396	359.697	ng/ul	97
74) Anthracene	17.610	178	39720822m	858.385	ng/ul	
75) 1,2,3,4-Tetrachloroben...	13.527	216	641597	47.597	ng/uL	99
76) Pentachlorobenzene	15.039	250	584457	43.770	ng/uL	97
77) Carbazole	17.886	167	14331270	357.471	ng/ul	95
78) Di-n-butylphthalate	18.415	149	2329734	48.889	ng/ul	99
80) Fluoranthene	19.527	202	21875467m	551.174	ng/ul	
82) Pyrene	19.892	202	25407301m	615.104	ng/ul	
83) Butylbenzylphthalate	20.756	149	1003018	65.304	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.556	252	579287	52.292	ng/ul#	96
85) Benzo(a)anthracene	21.633	228	13124832	348.232	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.527	149	1463540	65.499	ng/ul	96
87) Chrysene	21.698	228	16546749	467.919	ng/ul	95
89) Di-n-octyl phthalate	22.474	149	2551583m	43.116	ng/ul	
90) Benzo(b)fluoranthene	23.409	252	21877703m	382.083	ng/ul	
91) Benzo(k)fluoranthene	23.450	252	8154490m	146.947	ng/ul	
93) Benzo(a)pyrene	24.062	252	11805345m	234.456	ng/ul	
94) Indeno(1,2,3-cd)pyrene	26.785	276	9008845m	138.922	ng/ul	
95) Dibenzo(a,h)anthracene	26.791	278	3762200m	68.818	ng/ul	
96) Benzo(g,h,i)perylene	27.597	276	7441494m	143.726	ng/ul	

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

