

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030829.D
 Acq On : 06 Jul 2021 20:55
 Operator : CG/JU
 Sample : M2905-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBK22MSD

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:11:52 PM

Quant Time: Jul 07 01:29:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	80688	20.000	ng/u1	0.00
20) Naphthalene-d8	10.551	136	345373	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.392	164	227908	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.133	188	466025	20.000	ng/u1	0.00
79) Chrysene-d12	21.303	240	386962	20.000	ng/u1	0.00
88) Perylene-d12	23.550	264	318814	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	9511	4.606	ng/uL	0.00
4) Pyridine-d5	3.687	84	42959	7.956	ng/u1	0.01
7) Phenol-d5	6.934	99	60890	8.636	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	164618	36.248	ng/u1	0.00
11) 2-Chlorophenol-d4	7.298	132	165920	30.674	ng/u1	0.00
15) 4-Methylphenol-d8	8.469	113	111110	19.665	ng/u1	0.00
21) Nitrobenzene-d5	8.922	128	101413	39.479	ng/u1	0.00
24) 2-Nitrophenol-d4	9.639	143	110523	39.323	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	203512	37.626	ng/u1	0.00
31) 4-Chloroaniline-d4	10.686	131	239876	31.229	ng/u1	0.00
46) Dimethylphthalate-d6	13.810	166	733077	45.945	ng/u1	0.00
49) Acenaphthylene-d8	14.086	160	861109	42.725	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	28860	10.393	ng/u1	0.00
60) Fluorene-d10	15.386	176	626201	44.570	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.515	200	131115	43.877	ng/u1	0.00
73) Anthracene-d10	17.233	188	975984	44.942	ng/u1	0.00
81) Pyrene-d10	19.521	212	1034631	48.479	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.409	264	767965	46.666	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	11810	5.548	ng/uL	95
5) Pyridine	3.704	79	55233	9.383	ng/u1	99
6) Benzaldehyde	6.916	77	183187m	50.495	ng/u1	
8) Phenol	6.963	94	74850	10.358	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.192	93	225347	40.034	ng/u1	99
12) 2-Chlorophenol	7.334	128	180274	33.268	ng/u1	99
13) 2-Methylphenol	8.204	108	135066	25.710	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.298	45	365888	39.474	ng/u1	99
16) Acetophenone	8.586	105	364258	40.965	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.575	70	198666	44.977	ng/u1	99
18) 4-Methylphenol	8.534	108	130083	22.566	ng/u1	94
19) Hexachloroethane	8.834	117	81237	35.627	ng/u1	99
22) Nitrobenzene	8.963	77	282459	42.765	ng/u1	97
23) Isophorone	9.486	82	524393	45.494	ng/u1	100
25) 2-Nitrophenol	9.675	139	131263	43.561	ng/u1	95
26) 2,4-Dimethylphenol	9.728	107	204412	32.709	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.969	93	319778	43.839	ng/u1	98
29) 2,4-Dichlorophenol	10.198	162	210874	40.196	ng/u1	98
30) Naphthalene	10.598	128	710657	40.919	ng/u1	99
32) 4-Chloroaniline	10.710	127	273008	35.428	ng/u1	99
33) Hexachlorobutadiene	10.880	225	135860	38.096	ng/u1	98
34) Caprolactam	11.510	113	9025m	5.947	ng/u1	
35) 4-Chloro-3-methylphenol	11.833	107	215527	40.538	ng/u1	99
36) 2-Methylnaphthalene	12.210	142	541580	43.737	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.433	142	522887	41.655	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.586	216	293947	42.519	ng/ul	99
40) Hexachlorocyclopentadiene	12.557	237	121663	28.951	ng/ul	99
41) 2,4,6-Trichlorophenol	12.821	196	202432	46.413	ng/ul	98
42) 2,4,5-Trichlorophenol	12.892	196	218936	47.359	ng/ul	99
43) 1,1'-Biphenyl	13.227	154	723922	43.592	ng/ul	99
44) 2-Chloronaphthalene	13.269	162	558888	43.003	ng/ul	99
45) 2-Nitroaniline	13.480	65	195488	53.531	ng/ul	97
47) Dimethylphthalate	13.857	163	790680	50.583	ng/ul	99
48) 2,6-Dinitrotoluene	13.980	165	168477	55.961	ng/ul	97
50) Acenaphthylene	14.116	152	892589	47.405	ng/ul	99
51) 3-Nitroaniline	14.310	138	151245	48.084	ng/ul	97
52) Acenaphthene	14.463	153	630110	45.874	ng/ul	99
53) 2,4-Dinitrophenol	14.515	184	86041	47.960	ng/ul	100
55) 4-Nitrophenol	14.615	109	28547	12.113	ng/ul	95
56) Dibenzofuran	14.792	168	907797	46.937	ng/ul	100
57) 2,4-Dinitrotoluene	14.768	165	240011	57.182	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.021	232	204851	53.294	ng/ul	96
59) Diethylphthalate	15.215	149	824365	53.136	ng/ul	99
61) Fluorene	15.445	166	784528	49.248	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.439	204	396875	49.501	ng/ul	99
63) 4-Nitroaniline	15.468	138	166752	55.651	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.533	198	140928	48.852	ng/ul#	97
67) N-Nitrosodiphenylamine	15.651	169	664222	47.810	ng/ul	99
68) 4-Bromophenyl-phenylether	16.327	248	241084	49.120	ng/ul	98
69) Hexachlorobenzene	16.445	284	278543	50.004	ng/ul	98
70) Atrazine	16.604	200	253296	51.190	ng/ul	100
71) Pentachlorophenol	16.786	266	165474	48.884	ng/ul	99
72) Phenanthrene	17.180	178	1239355	49.839	ng/ul	100
74) Anthracene	17.268	178	1261915	49.390	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.192	216	281422	38.951	ng/uL	99
76) Pentachlorobenzene	14.715	250	298323	42.197	ng/uL	99
77) Carbazole	17.539	167	1124928	50.649	ng/ul	100
78) Di-n-butylphthalate	18.098	149	1410364	55.099	ng/ul	100
80) Fluoranthene	19.192	202	1399505	53.182	ng/ul	97
82) Pyrene	19.550	202	1432469	52.522	ng/ul	99
83) Butylbenzylphthalate	20.445	149	534879	57.372	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.221	252	319422	45.236	ng/ul	100
85) Benzo(a)anthracene	21.292	228	1210047	50.015	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.215	149	799268	58.154	ng/ul	98
87) Chrysene	21.339	228	1172600	49.258	ng/ul	99
89) Di-n-octyl phthalate	22.091	149	1123422	56.741	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	1079175	52.548	ng/ul	99
91) Benzo(k)fluoranthene	22.921	252	1015920	50.894	ng/ul	99
93) Benzo(a)pyrene	23.456	252	902638	49.667	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.827	276	1124628	49.758	ng/ul	99
95) Dibenzo(a,h)anthracene	25.832	278	948377	50.044	ng/ul	99
96) Benzo(g,h,i)perylene	26.521	276	903227	49.844	ng/ul	99

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

