

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
 Data File : BM030544.D
 Acq On : 23 Jun 2021 09:17
 Operator : CG/JU
 Sample : PB137214BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS214

Manual Integrations
 APPROVED

mohammad
 6/23/2021 4:49:05 PM

Quant Time: Jun 23 09:57:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 22 15:07:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	171866	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	737364	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.440	164	470417	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	879865	20.000	ng/u1	0.00
79) Chrysene-d12	21.345	240	669646	20.000	ng/u1	0.00
88) Perylene-d12	23.615	264	642446	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	25882	6.105	ng/uL	0.00
4) Pyridine-d5	3.693	84	311016	27.306	ng/u1	0.00
7) Phenol-d5	6.975	99	524697	35.399	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	325319	34.918	ng/u1	0.00
11) 2-Chlorophenol-d4	7.340	132	423222	36.991	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	427097	37.026	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	207210	37.659	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	231415	37.845	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	455960	38.925	ng/u1	0.00
31) 4-Chloroaniline-d4	10.734	131	556477	34.066	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	1298520	39.977	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	1650465	39.146	ng/u1	0.00
54) 4-Nitrophenol-d4	14.640	143	212535	34.539	ng/u1	0.00
60) Fluorene-d10	15.428	176	1127472	39.136	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	189067	32.844	ng/u1	0.00
73) Anthracene-d10	17.275	188	1535215	37.387	ng/u1	0.00
81) Pyrene-d10	19.563	212	1461405	41.649	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	1380513	41.331	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	59729	13.248	ng/uL	95
5) Pyridine	3.711	79	350846	28.615	ng/u1	98
6) Benzaldehyde	6.952	77	309348	42.923	ng/u1	96
8) Phenol	6.999	94	536287	35.782	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	412312	34.905	ng/u1	96
12) 2-Chlorophenol	7.369	128	422223	36.621	ng/u1	99
13) 2-Methylphenol	8.246	108	395732	36.437	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.328	45	660925	35.298	ng/u1	99
16) Acetophenone	8.628	105	672999	37.782	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.616	70	353404	40.110	ng/u1	99
18) 4-Methylphenol	8.575	108	441231	37.306	ng/u1	97
19) Hexachloroethane	8.881	117	168291	34.836	ng/u1	95
22) Nitrobenzene	9.005	77	504450	36.342	ng/u1	100
23) Isophorone	9.534	82	951469	39.584	ng/u1	98
25) 2-Nitrophenol	9.710	139	247605	38.136	ng/u1	99
26) 2,4-Dimethylphenol	9.775	107	366667	27.941	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.010	93	587908	37.594	ng/u1	100
29) 2,4-Dichlorophenol	10.246	162	436630	38.908	ng/u1	100
30) Naphthalene	10.646	128	1351194	36.193	ng/u1	100
32) 4-Chloroaniline	10.757	127	548033	33.794	ng/u1	99
33) Hexachlorobutadiene	10.928	225	272156	35.867	ng/u1	99
34) Caprolactam	11.540	113	138166m	42.419	ng/u1	
35) 4-Chloro-3-methylphenol	11.881	107	460864	41.825	ng/u1	98
36) 2-Methylnaphthalene	12.257	142	1007158	38.659	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	982245	37.248	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.628	216	554971	37.814	ng/ul	98
40) Hexachlorocyclopentadiene	12.604	237	183038	19.112	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	359228	38.865	ng/ul	98
42) 2,4,5-Trichlorophenol	12.940	196	390649	39.601	ng/ul	99
43) 1,1'-Biphenyl	13.269	154	1326500	38.207	ng/ul	100
44) 2-Chloronaphthalene	13.310	162	1034890	37.915	ng/ul	100
45) 2-Nitroaniline	13.516	65	314212	42.835	ng/ul	98
47) Dimethylphthalate	13.892	163	1313335	41.267	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	275162	44.874	ng/ul	95
50) Acenaphthylene	14.157	152	1536369	39.284	ng/ul	100
51) 3-Nitroaniline	14.345	138	274549	42.031	ng/ul	96
52) Acenaphthene	14.498	153	1122715	39.557	ng/ul	99
53) 2,4-Dinitrophenol	14.551	184	126892	31.479	ng/ul	96
55) 4-Nitrophenol	14.651	109	178329	36.224	ng/ul	97
56) Dibenzofuran	14.834	168	1561554	39.465	ng/ul	100
57) 2,4-Dinitrotoluene	14.804	165	373596	43.514	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.063	232	309781	38.793	ng/ul	100
59) Diethylphthalate	15.257	149	1305010	42.686	ng/ul	99
61) Fluorene	15.486	166	1335503	40.955	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.481	204	673861	41.494	ng/ul	97
63) 4-Nitroaniline	15.510	138	279661	44.959	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.569	198	187651	33.497	ng/ul#	95
67) N-Nitrosodiphenylamine	15.692	169	1107514	42.234	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	399068	44.450	ng/ul	98
69) Hexachlorobenzene	16.486	284	435873	41.973	ng/ul	99
70) Atrazine	16.639	200	216795	23.309	ng/ul	98
71) Pentachlorophenol	16.828	266	203376	31.253	ng/ul	98
72) Phenanthrene	17.216	178	1902474	40.264	ng/ul	100
74) Anthracene	17.310	178	1870696	38.722	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	557189	39.704	ng/ul	99
76) Pentachlorobenzene	14.757	250	526912	39.416	ng/ul	98
77) Carbazole	17.580	167	1593354	36.779	ng/ul	99
78) Di-n-butylphthalate	18.139	149	2019673	45.753	ng/ul	100
80) Fluoranthene	19.227	202	1888704	44.073	ng/ul	99
82) Pyrene	19.592	202	1918650	42.610	ng/ul	99
83) Butylbenzylphthalate	20.486	149	726362	49.005	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.263	252	504229	38.199	ng/ul	97
85) Benzo(a)anthracene	21.327	228	1660508	39.957	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.257	149	1032697	48.441	ng/ul	98
87) Chrysene	21.380	228	1582888	39.071	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	1649831	44.642	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	1668172	40.899	ng/ul	99
91) Benzo(k)fluoranthene	22.974	252	1682486	42.922	ng/ul	99
93) Benzo(a)pyrene	23.515	252	1518365	41.400	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.921	276	2064076	44.705	ng/ul	98
95) Dibenzo(a,h)anthracene	25.927	278	1731627	45.242	ng/ul	99
96) Benzo(g,h,i)perylene	26.621	276	1702911	44.207	ng/ul	98

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

