

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042023\
 Data File : BM039539.D
 Acq On : 20 Apr 2023 23:49
 Operator : CG/JU
 Sample : PB152230BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS230

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/21/2023
 Supervised By : Jagrut Upadhyay 04/21/2023

Quant Time: Apr 21 02:28:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM041823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 08:18:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	145024	20.000	ng/u1	0.00
20) Naphthalene-d8	10.631	136	679584	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.477	164	443662	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.230	188	977953	20.000	ng/u1	0.00
79) Chrysene-d12	21.424	240	853709	20.000	ng/u1	0.00
88) Perylene-d12	23.783	264	799634	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.208	96	24693	6.536	ng/uL	0.00
4) Pyridine-d5	3.637	84	328928	30.984	ng/u1	0.00
7) Phenol-d5	7.001	99	470811	35.470	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.154	67	305734	34.849	ng/u1	0.00
11) 2-Chlorophenol-d4	7.354	132	382386	36.725	ng/u1	0.00
15) 4-Methylphenol-d8	8.554	113	383439	35.862	ng/u1	0.00
21) Nitrobenzene-d5	8.995	128	189056	34.579	ng/u1	0.00
24) 2-Nitrophenol-d4	9.719	143	213759	34.818	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.260	165	388650	36.791	ng/u1	0.00
31) 4-Chloroaniline-d4	10.778	131	509541	32.296	ng/u1	0.00
46) Dimethylphthalate-d6	13.895	166	1243051	34.741	ng/u1	0.00
49) Acenaphthylene-d8	14.172	160	1431621	35.615	ng/u1	0.00
54) 4-Nitrophenol-d4	14.713	143	189462	34.987	ng/u1	-0.01
60) Fluorene-d10	15.471	176	1055268	35.997	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.607	200	201747	31.044	ng/u1	0.00
73) Anthracene-d10	17.330	188	1687425	35.879	ng/u1	0.00
81) Pyrene-d10	19.630	212	2004596	35.337	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.636	264	1590104	36.832	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.243	88	53921	13.042	ng/uL	96
5) Pyridine	3.655	79	365954	32.692	ng/u1	98
6) Benzaldehyde	6.966	77	250373	44.151	ng/u1	99
8) Phenol	7.031	94	506404	36.644	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.248	93	394556	34.243	ng/u1	99
12) 2-Chlorophenol	7.384	128	385542	36.798	ng/u1	100
13) 2-Methylphenol	8.284	108	385403	35.905	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.354	45	557923m	34.863	ng/u1	
16) Acetophenone	8.654	105	627246	35.715	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.637	70	336192	34.587	ng/u1	98
18) 4-Methylphenol	8.613	108	425276	36.697	ng/u1	99
19) Hexachloroethane	8.895	117	163461	34.351	ng/u1	98
22) Nitrobenzene	9.037	77	474423	35.143	ng/u1	97
23) Isophorone	9.560	82	964829	33.516	ng/u1	100
25) 2-Nitrophenol	9.748	139	228792	35.717	ng/u1	95
26) 2,4-Dimethylphenol	9.813	107	449320	34.325	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.048	93	585051	34.562	ng/u1	100
29) 2,4-Dichlorophenol	10.284	162	384021	36.905	ng/u1	99
30) Naphthalene	10.678	128	1327070	35.294	ng/u1	99
32) 4-Chloroaniline	10.801	127	490965	31.582	ng/u1	100
33) Hexachlorobutadiene	10.954	225	237972	34.707	ng/u1	99
34) Caprolactam	11.589	113	134811m	34.789	ng/u1	
35) 4-Chloro-3-methylphenol	11.942	107	449859	37.027	ng/u1	99
36) 2-Methylnaphthalene	12.295	142	889319	35.281	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.513	142	915601	36.146	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.666	216	467890	35.135	ng/u1	99
40) Hexachlorocyclopentadiene	12.636	237	149272	18.813	ng/u1	98
41) 2,4,6-Trichlorophenol	12.913	196	319338	35.894	ng/u1	99
42) 2,4,5-Trichlorophenol	12.995	196	342902	37.084	ng/u1	99
43) 1,1'-Biphenyl	13.313	154	1211471	35.333	ng/u1	99
44) 2-Chloronaphthalene	13.354	162	958877	35.651	ng/u1	99
45) 2-Nitroaniline	13.572	65	291064	37.500	ng/u1	98
47) Dimethylphthalate	13.942	163	1244326	35.125	ng/u1	100
48) 2,6-Dinitrotoluene	14.072	165	256903	35.856	ng/u1	99
50) Acenaphthylene	14.201	152	1536112	35.725	ng/u1	100
51) 3-Nitroaniline	14.401	138	245094	36.496	ng/u1	100
52) Acenaphthene	14.542	153	1053007	35.570	ng/u1	100
53) 2,4-Dinitrophenol	14.619	184	101699	26.666	ng/u1	96
55) 4-Nitrophenol	14.724	109	151985	36.951	ng/u1	95
56) Dibenzofuran	14.877	168	1483033	36.856	ng/u1	99
57) 2,4-Dinitrotoluene	14.860	165	373682	37.535	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	15.113	232	302909	36.598	ng/u1	99
59) Diethylphthalate	15.307	149	1298571	35.361	ng/u1	100
61) Fluorene	15.530	166	1223507	36.758	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.524	204	603494	36.580	ng/u1	98
63) 4-Nitroaniline	15.571	138	226566	43.995	ng/u1	96
66) 4,6-Dinitro-2-methylph...	15.624	198	195952	31.362	ng/u1	96
67) N-Nitrosodiphenylamine	15.742	169	1028017	35.282	ng/u1	99
68) 4-Bromophenyl-phenylether	16.418	248	367623	34.805	ng/u1	99
69) Hexachlorobenzene	16.530	284	424261	34.964	ng/u1	96
70) Atrazine	16.701	200	333551	30.851	ng/u1	99
71) Pentachlorophenol	16.883	266	230416	32.483	ng/u1	98
72) Phenanthrene	17.271	178	1955844	36.024	ng/u1	100
74) Anthracene	17.365	178	1955077	35.895	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.272	216	478456	32.850	ng/uL	100
76) Pentachlorobenzene	14.795	250	488396	34.068	ng/uL	99
77) Carbazole	17.642	167	1792565	37.036	ng/u1	100
78) Di-n-butylphthalate	18.201	149	2387535	34.876	ng/u1	99
80) Fluoranthene	19.295	202	2326759	34.993	ng/u1	97
82) Pyrene	19.659	202	2435187	35.377	ng/u1	96
83) Butylbenzylphthalate	20.559	149	1124696	34.615	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.348	252	678042	35.816	ng/u1	98
85) Benzo(a)anthracene	21.406	228	2224500	36.026	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.330	149	1737722	35.963	ng/u1	99
87) Chrysene	21.459	228	2093944	35.551	ng/u1	100
89) Di-n-octyl phthalate	22.242	149	2940743	36.602	ng/u1	100
90) Benzo(b)fluoranthene	23.065	252	2012451	35.768	ng/u1	99
91) Benzo(k)fluoranthene	23.112	252	2054844	37.188	ng/u1	100
93) Benzo(a)pyrene	23.683	252	1741017	36.711	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.235	276	2078712	39.849	ng/u1	99
95) Dibenzo(a,h)anthracene	26.247	278	1720159	39.771	ng/u1	99
96) Benzo(g,h,i)perylene	26.988	276	1660972	39.970	ng/u1	99

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

