

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036368.D
 Acq On : 22 Aug 2022 16:15
 Operator : CG/JU
 Sample : PB147152BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS152

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/23/2022
 Supervised By :Sohil Jodhani 08/24/2022

Quant Time: Aug 23 01:02:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 00:55:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	240903	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1042466	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	568218	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	995526	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	866493	20.000	ng/u1	0.00
88) Perylene-d12	23.692	264	858475	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	37909	5.997	ng/uL	0.00
4) Pyridine-d5	3.628	84	527754	30.276	ng/u1	0.00
7) Phenol-d5	6.975	99	715201	34.781	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	468369	36.186	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	569845	35.270	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	545844	35.551	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	283040	35.810	ng/u1	0.00
24) 2-Nitrophenol-d4	9.687	143	278905	34.788	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	509520	35.568	ng/u1	0.00
31) 4-Chloroaniline-d4	10.745	131	718062	32.334	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	1319505	36.706	ng/u1	0.00
49) Acenaphthylene-d8	14.133	160	1639281	36.562	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	218085	32.017	ng/u1	0.00
60) Fluorene-d10	15.427	176	1145883	35.276	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	171021	33.415	ng/u1	0.00
73) Anthracene-d10	17.280	188	1627666	36.770	ng/u1	0.00
81) Pyrene-d10	19.574	212	1709081	38.023	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	1606792	38.175	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	84296	12.661	ng/uL	98
5) Pyridine	3.652	79	536420	29.789	ng/u1	90
6) Benzaldehyde	6.940	77	294255	34.837	ng/u1	91
8) Phenol	6.999	94	769897	36.011	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.228	93	617524	36.113	ng/u1	99
12) 2-Chlorophenol	7.357	128	602645	35.670	ng/u1	97
13) 2-Methylphenol	8.251	108	567939	36.038	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.334	45	881802	38.544	ng/u1	98
16) Acetophenone	8.628	105	924797	37.450	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.616	70	472627	38.453	ng/u1	98
18) 4-Methylphenol	8.581	108	617014	36.576	ng/u1	100
19) Hexachloroethane	8.863	117	248212	35.117	ng/u1	85
22) Nitrobenzene	9.004	77	688877	36.784	ng/u1	96
23) Isophorone	9.534	82	1279820	38.483	ng/u1	96
25) 2-Nitrophenol	9.716	139	320619	35.895	ng/u1	97
26) 2,4-Dimethylphenol	9.781	107	643412	36.020	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.016	93	811674	37.489	ng/u1	99
29) 2,4-Dichlorophenol	10.251	162	527184	35.970	ng/u1	99
30) Naphthalene	10.645	128	1952174	35.680	ng/u1	100
32) 4-Chloroaniline	10.769	127	528458	23.395	ng/u1	99
33) Hexachlorobutadiene	10.922	225	321186	34.883	ng/u1	97
34) Caprolactam	11.563	113	145881m	33.220	ng/u1	
35) 4-Chloro-3-methylphenol	11.904	107	541906	36.569	ng/u1	98
36) 2-Methylnaphthalene	12.257	142	1245486	36.281	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.480	142	1246130	36.044	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.628	216	578103	36.809	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	244536	26.245	ng/ul	97
41) 2,4,6-Trichlorophenol	12.875	196	348218	35.235	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	373151	35.597	ng/ul	98
43) 1,1'-Biphenyl	13.275	154	1587509	37.147	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	1199901	36.589	ng/ul	100
45) 2-Nitroaniline	13.533	65	342267	38.543	ng/ul	95
47) Dimethylphthalate	13.904	163	1383868	37.399	ng/ul	99
48) 2,6-Dinitrotoluene	14.033	165	264971	37.953	ng/ul	90
50) Acenaphthylene	14.163	152	1950419	36.889	ng/ul	100
51) 3-Nitroaniline	14.363	138	287406	37.642	ng/ul	98
52) Acenaphthene	14.504	153	1259290	36.541	ng/ul	98
53) 2,4-Dinitrophenol	14.574	184	114054	29.976	ng/ul	94
55) 4-Nitrophenol	14.680	109	178680	33.201	ng/ul	85
56) Dibenzofuran	14.839	168	1715318	35.872	ng/ul	98
57) 2,4-Dinitrotoluene	14.816	165	368383	37.205	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.069	232	270383	33.971	ng/ul#	91
59) Diethylphthalate	15.269	149	1375997	37.724	ng/ul	99
61) Fluorene	15.486	166	1364901	35.987	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.480	204	643657	36.330	ng/ul	100
63) 4-Nitroaniline	15.527	138	305952m	42.956	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.580	198	178872	34.566	ng/ul	94
67) N-Nitrosodiphenylamine	15.698	169	1118600	39.303	ng/ul	99
68) 4-Bromophenyl-phenylether	16.374	248	354063	38.409	ng/ul	96
69) Hexachlorobenzene	16.480	284	416919	37.322	ng/ul	94
70) Atrazine	16.657	200	115181	11.844	ng/ul	98
71) Pentachlorophenol	16.833	266	205497	33.367	ng/ul	99
72) Phenanthrene	17.221	178	1954247	37.341	ng/ul	98
74) Anthracene	17.315	178	1977152	37.683	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.233	216	565121	37.833	ng/uL	98
76) Pentachlorobenzene	14.751	250	521024	37.356	ng/uL	100
77) Carbazole	17.592	167	1780743	36.248	ng/ul	99
78) Di-n-butylphthalate	18.151	149	2131110	39.662	ng/ul	99
80) Fluoranthene	19.239	202	2109497	38.833	ng/ul	99
82) Pyrene	19.604	202	2194807	38.718	ng/ul	99
83) Butylbenzylphthalate	20.504	149	835336	39.389	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.286	252	631939	35.416	ng/ul	99
85) Benzo(a)anthracene	21.351	228	1974930	37.928	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	1209336	41.301	ng/ul	99
87) Chrysene	21.398	228	1928319	37.689	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1987878	38.953	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	1993046	38.079	ng/ul	98
91) Benzo(k)fluoranthene	23.027	252	1934852	38.856	ng/ul	99
93) Benzo(a)pyrene	23.586	252	1993349	38.713	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.097	276	2260209	37.334	ng/ul	95
95) Dibenzo(a,h)anthracene	26.115	278	1955727	37.501	ng/ul	99
96) Benzo(g,h,i)perylene	26.838	276	1921326	37.112	ng/ul	98

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

