

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036395.D
 Acq On : 23 Aug 2022 18:16
 Operator : CG/JU
 Sample : PB147178BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS178

Manual Integrations
 APPROVED

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

Quant Time: Aug 24 01:01:40 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	215447	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	1002998	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	613943	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1124564	20.000	ng/u1	0.00
79) Chrysene-d12	21.363	240	825424	20.000	ng/u1	0.00
88) Perylene-d12	23.692	264	763070	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	34337	6.074	ng/uL	0.00
4) Pyridine-d5	3.628	84	484774	31.096	ng/u1	0.00
7) Phenol-d5	6.969	99	693026	37.685	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	448459	38.741	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	521235	36.073	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	538154	39.192	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	273724	35.995	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	274131	35.538	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.222	165	510964	37.073	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	745605	34.895	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	1488579	38.325	ng/u1	0.00
49) Acenaphthylene-d8	14.134	160	1802072	37.199	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	255577	34.727	ng/u1	0.00
60) Fluorene-d10	15.428	176	1331274	37.931	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	204431	35.359	ng/u1	0.00
73) Anthracene-d10	17.280	188	1881986	37.637	ng/u1	0.00
81) Pyrene-d10	19.574	212	1781863	41.615	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	1458226	38.976	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	78015	13.102	ng/uL	99
5) Pyridine	3.646	79	512830	31.844	ng/u1	97
6) Benzaldehyde	6.940	77	291646	38.608	ng/u1	89
8) Phenol	6.999	94	756926	39.588	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.228	93	595604	38.946	ng/u1	99
12) 2-Chlorophenol	7.358	128	583993	38.650	ng/u1	97
13) 2-Methylphenol	8.252	108	560691	39.782	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.334	45	891217	43.558	ng/u1	100
16) Acetophenone	8.628	105	921662	41.732	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.616	70	498171	45.320	ng/u1	97
18) 4-Methylphenol	8.581	108	625132	41.435	ng/u1	100
19) Hexachloroethane	8.863	117	234634	37.118	ng/u1	83
22) Nitrobenzene	9.005	77	704751	39.113	ng/u1	96
23) Isophorone	9.534	82	1354621	42.335	ng/u1	96
25) 2-Nitrophenol	9.716	139	322853	37.568	ng/u1	94
26) 2,4-Dimethylphenol	9.781	107	648633	37.741	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.016	93	842066	40.423	ng/u1	99
29) 2,4-Dichlorophenol	10.252	162	543437	38.538	ng/u1	99
30) Naphthalene	10.646	128	1964496	37.318	ng/u1	99
32) 4-Chloroaniline	10.769	127	537130	24.715	ng/u1	99
33) Hexachlorobutadiene	10.916	225	303285	34.235	ng/u1	99
34) Caprolactam	11.569	113	170487	40.351	ng/u1	95
35) 4-Chloro-3-methylphenol	11.898	107	613567	43.034	ng/u1	99
36) 2-Methylnaphthalene	12.257	142	1312467	39.737	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	1336134	40.168	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.628	216	607340	35.791	ng/ul#	97
40) Hexachlorocyclopentadiene	12.598	237	249874	24.821	ng/ul	98
41) 2,4,6-Trichlorophenol	12.875	196	393039	36.808	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	426646	37.669	ng/ul	99
43) 1,1'-Biphenyl	13.275	154	1760111	38.118	ng/ul	99
44) 2-Chloronaphthalene	13.316	162	1306533	36.874	ng/ul	97
45) 2-Nitroaniline	13.534	65	423016	44.088	ng/ul	90
47) Dimethylphthalate	13.904	163	1597387	39.954	ng/ul	98
48) 2,6-Dinitrotoluene	14.034	165	312497	41.426	ng/ul#	85
50) Acenaphthylene	14.163	152	2242686	39.257	ng/ul	99
51) 3-Nitroaniline	14.363	138	355300	43.069	ng/ul	96
52) Acenaphthene	14.504	153	1475250	39.620	ng/ul	97
53) 2,4-Dinitrophenol	14.575	184	145387	35.365	ng/ul	92
55) 4-Nitrophenol	14.681	109	213101	36.648	ng/ul	87
56) Dibenzofuran	14.834	168	2027049	39.234	ng/ul	96
57) 2,4-Dinitrotoluene	14.816	165	448591	41.932	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.069	232	322199	37.466	ng/ul#	92
59) Diethylphthalate	15.269	149	1683252	42.710	ng/ul	99
61) Fluorene	15.486	166	1683179	41.073	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.481	204	778071	40.646	ng/ul	99
63) 4-Nitroaniline	15.528	138	356877m	46.375	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.581	198	218296	37.345	ng/ul	92
67) N-Nitrosodiphenylamine	15.698	169	1362380	42.375	ng/ul	98
68) 4-Bromophenyl-phenylether	16.375	248	429454	41.242	ng/ul	96
69) Hexachlorobenzene	16.481	284	486278	38.535	ng/ul#	91
70) Atrazine	16.657	200	105550	9.608	ng/ul	98
71) Pentachlorophenol	16.833	266	238416	34.270	ng/ul	99
72) Phenanthrene	17.222	178	2375382	40.179	ng/ul	98
74) Anthracene	17.316	178	2366651	39.930	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.234	216	607884	36.026	ng/uL	97
76) Pentachlorobenzene	14.751	250	595116	37.773	ng/uL	100
77) Carbazole	17.592	167	2071687	37.332	ng/ul	99
78) Di-n-butylphthalate	18.151	149	2673343	44.044	ng/ul	99
80) Fluoranthene	19.239	202	2330366	45.033	ng/ul	99
82) Pyrene	19.604	202	2368452	43.860	ng/ul	99
83) Butylbenzylphthalate	20.504	149	928311	45.951	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.286	252	628340	36.967	ng/ul	98
85) Benzo(a)anthracene	21.351	228	1940472	39.120	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.280	149	1347293	48.302	ng/ul#	97
87) Chrysene	21.404	228	1873246	38.434	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	2027205	44.690	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	1866713	40.124	ng/ul	99
91) Benzo(k)fluoranthene	23.027	252	1821031	41.142	ng/ul	99
93) Benzo(a)pyrene	23.586	252	1853386	40.495	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.103	276	2086904	38.781	ng/ul	98
95) Dibenzo(a,h)anthracene	26.115	278	1790586	38.627	ng/ul	99
96) Benzo(g,h,i)perylene	26.845	276	1750901	38.048	ng/ul	99

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

