

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
 Data File : BM038886.D
 Acq On : 07 Mar 2023 00:08
 Operator : CG/JU
 Sample : PB151195BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS195

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/07/2023
 Supervised By : Jagrut Upadhyay 03/07/2023

Quant Time: Mar 07 00:48:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 06 23:57:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	319501	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1459066	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	902907	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	1881017	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	1819657	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	1997936	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	46956	5.488	ng/uL	0.00
4) Pyridine-d5	3.799	84	666322	28.323	ng/u1	0.00
7) Phenol-d5	7.157	99	879622	29.366	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	535142	27.961	ng/u1	0.00
11) 2-Chlorophenol-d4	7.534	132	681320	30.525	ng/u1	0.00
15) 4-Methylphenol-d8	8.710	113	675449	28.623	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	337175	32.917	ng/u1	0.00
24) 2-Nitrophenol-d4	9.898	143	346397	36.090	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	675099	30.269	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	946858	25.470	ng/u1	0.00
46) Dimethylphthalate-d6	14.051	166	1980626	28.322	ng/u1	0.00
49) Acenaphthylene-d8	14.333	160	2376109	29.070	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	412685	29.479	ng/u1	0.00
60) Fluorene-d10	15.627	176	1744207	28.280	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	310002	31.701	ng/u1	0.00
73) Anthracene-d10	17.480	188	2679322	28.887	ng/u1	0.00
81) Pyrene-d10	19.768	212	3061723	30.592	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.856	264	3102643	30.816	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	96388	10.482	ng/uL	97
5) Pyridine	3.822	79	689186	27.213	ng/u1	94
6) Benzaldehyde	7.134	77	508885	35.079	ng/u1	99
8) Phenol	7.181	94	931444	29.053	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.422	93	722852	28.320	ng/u1	99
12) 2-Chlorophenol	7.563	128	696685	30.305	ng/u1	97
13) 2-Methylphenol	8.445	108	689519	28.772	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.534	45	884806	27.614	ng/u1	100
16) Acetophenone	8.834	105	1144711	27.911	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.822	70	563226	29.900	ng/u1	99
18) 4-Methylphenol	8.775	108	764601	28.734	ng/u1	97
19) Hexachloroethane	9.092	117	285008	30.945	ng/u1	96
22) Nitrobenzene	9.216	77	845972	30.189	ng/u1	97
23) Isophorone	9.745	82	1611056	28.264	ng/u1	99
25) 2-Nitrophenol	9.928	139	389175	34.193	ng/u1	97
26) 2,4-Dimethylphenol	9.986	107	761964	27.249	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.228	93	1004100	28.706	ng/u1	98
29) 2,4-Dichlorophenol	10.463	162	677234	29.954	ng/u1	98
30) Naphthalene	10.869	128	2372182	28.492	ng/u1	99
32) 4-Chloroaniline	10.975	127	925333	24.584	ng/u1	100
33) Hexachlorobutadiene	11.157	225	400984	28.504	ng/u1	99
34) Caprolactam	11.745	113	214151m	27.622	ng/u1	
35) 4-Chloro-3-methylphenol	12.092	107	753713	29.488	ng/u1	99
36) 2-Methylnaphthalene	12.475	142	1546847	28.464	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.692	142	1595344	29.136	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.839	216	785770	29.094	ng/u1	99
40) Hexachlorocyclopentadiene	12.822	237	434333	29.807	ng/u1	98
41) 2,4,6-Trichlorophenol	13.075	196	526450	30.903	ng/u1	99
42) 2,4,5-Trichlorophenol	13.145	196	577917	30.824	ng/u1	99
43) 1,1'-Biphenyl	13.480	154	2100803	29.498	ng/u1	99
44) 2-Chloronaphthalene	13.522	162	1645581	29.295	ng/u1	100
45) 2-Nitroaniline	13.722	65	466226	36.780	ng/u1	97
47) Dimethylphthalate	14.098	163	2000119	28.222	ng/u1	99
48) 2,6-Dinitrotoluene	14.216	165	386637	34.476	ng/u1	96
50) Acenaphthylene	14.363	152	2628157	28.992	ng/u1	100
51) 3-Nitroaniline	14.539	138	429216	30.494	ng/u1	95
52) Acenaphthene	14.704	153	1769029	28.351	ng/u1	99
53) 2,4-Dinitrophenol	14.745	184	196045	30.750	ng/u1	93
55) 4-Nitrophenol	14.839	109	320910	28.699	ng/u1	99
56) Dibenzofuran	15.039	168	2470142	28.515	ng/u1	97
57) 2,4-Dinitrotoluene	14.998	165	571901	32.989	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.257	232	487211	29.847	ng/u1	99
59) Diethylphthalate	15.463	149	2016033	28.747	ng/u1	99
61) Fluorene	15.686	166	2049675	28.220	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.680	204	993195	28.325	ng/u1	99
63) 4-Nitroaniline	15.704	138	473841	32.548	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.757	198	317550	31.377	ng/u1	99
67) N-Nitrosodiphenylamine	15.892	169	1677952	29.493	ng/u1	99
68) 4-Bromophenyl-phenylether	16.574	248	564551	29.160	ng/u1	98
69) Hexachlorobenzene	16.686	284	672274	28.668	ng/u1	99
70) Atrazine	16.845	200	531838	27.633	ng/u1	98
71) Pentachlorophenol	17.027	266	417076	29.251	ng/u1	100
72) Phenanthrene	17.427	178	3142483	28.915	ng/u1	100
74) Anthracene	17.515	178	3197934	28.899	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	796727	30.055	ng/uL	99
76) Pentachlorobenzene	14.957	250	790030	29.005	ng/uL	100
77) Carbazole	17.786	167	2956828	28.774	ng/u1	99
78) Di-n-butylphthalate	18.357	149	3381443	32.344	ng/u1	99
80) Fluoranthene	19.439	202	3582147	31.120	ng/u1	99
82) Pyrene	19.798	202	3839976	30.423	ng/u1	99
83) Butylbenzylphthalate	20.698	149	1446796	43.138	ng/u1	97
84) 3,3'-Dichlorobenzidine	21.474	252	1132875	31.772	ng/u1	99
85) Benzo(a)anthracene	21.545	228	3834314	30.497	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	2229721	39.991	ng/u1	98
87) Chrysene	21.597	228	3629323	29.518	ng/u1	99
89) Di-n-octyl phthalate	22.421	149	3707444	36.905	ng/u1	100
90) Benzo(b)fluoranthene	23.262	252	3878167	31.262	ng/u1	99
91) Benzo(k)fluoranthene	23.315	252	4022526	31.567	ng/u1	100
93) Benzo(a)pyrene	23.909	252	3550306	30.895	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.574	276	4460552	29.364	ng/u1	99
95) Dibenzo(a,h)anthracene	26.591	278	3723142	29.052	ng/u1	99
96) Benzo(g,h,i)perylene	27.362	276	3563120	28.647	ng/u1	98

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

