

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022424\
 Data File : BM044303.D
 Acq On : 24 Feb 2024 19:55
 Operator : MA/JU
 Sample : PB159154BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS154

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/26/2024
 Supervised By :mohammad ahmed 02/26/2024

Quant Time: Feb 26 00:50:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Feb 25 22:57:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	198005	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	874237	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.563	164	510783	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.315	188	1062133	20.000	ng/u1	0.00
79) Chrysene-d12	21.521	240	906460	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	986813	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	44037	7.017	ng/uL	0.00
4) Pyridine-d5	3.769	84	629461	36.727	ng/u1	0.00
7) Phenol-d5	7.087	99	724473	38.194	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	457923	37.280	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	574426	40.209	ng/u1	0.01
15) 4-Methylphenol-d8	8.634	113	563422	39.257	ng/u1	0.00
21) Nitrobenzene-d5	9.092	128	285752	40.200	ng/u1	0.00
24) 2-Nitrophenol-d4	9.810	143	309499	42.677	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	534335	41.769	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	765737	35.640	ng/u1	0.01
46) Dimethylphthalate-d6	13.986	166	1599693	40.608	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	1860013	41.038	ng/u1	0.00
54) 4-Nitrophenol-d4	14.774	143	320522	40.889	ng/u1	0.01
60) Fluorene-d10	15.557	176	1349973	40.488	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	268358	40.720	ng/u1	0.00
73) Anthracene-d10	17.415	188	2021918	39.924	ng/u1	0.00
81) Pyrene-d10	19.715	212	2291511	42.020	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	2134366	42.210	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	93844	14.187	ng/uL	98
5) Pyridine	3.787	79	661304	36.882	ng/u1	97
6) Benzaldehyde	7.069	77	357559	43.426	ng/u1	97
8) Phenol	7.116	94	780585	39.590	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.357	93	634535	38.449	ng/u1	99
12) 2-Chlorophenol	7.481	128	608173	41.149	ng/u1	97
13) 2-Methylphenol	8.369	108	578340	39.814	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.451	45	846742	37.526	ng/u1	98
16) Acetophenone	8.757	105	927223	40.438	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.745	70	484967	42.221	ng/u1	100
18) 4-Methylphenol	8.698	108	626624	40.496	ng/u1	97
19) Hexachloroethane	8.992	117	245864	39.212	ng/u1	95
22) Nitrobenzene	9.134	77	684065	39.793	ng/u1	99
23) Isophorone	9.663	82	1386792	41.624	ng/u1	98
25) 2-Nitrophenol	9.845	139	340583	42.344	ng/u1	97
26) 2,4-Dimethylphenol	9.904	107	537475	34.996	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.151	93	867918	40.072	ng/u1	100
29) 2,4-Dichlorophenol	10.375	162	540609	41.755	ng/u1	99
30) Naphthalene	10.775	128	1943353	39.086	ng/u1	99
32) 4-Chloroaniline	10.898	127	653049	31.192	ng/u1	99
33) Hexachlorobutadiene	11.051	225	301430	38.644	ng/u1	99
34) Caprolactam	11.680	113	189490m	42.340	ng/u1	
35) 4-Chloro-3-methylphenol	12.022	107	618503	44.840	ng/u1	98
36) 2-Methylnaphthalene	12.386	142	1292677	40.818	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	1271473	40.613	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.751	216	598953	39.612	ng/ul	99
40) Hexachlorocyclopentadiene	12.722	237	339541	33.376	ng/ul	98
41) 2,4,6-Trichlorophenol	12.998	196	403302	41.844	ng/ul	98
42) 2,4,5-Trichlorophenol	13.069	196	447314	42.932	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	1644157	39.538	ng/ul	98
44) 2-Chloronaphthalene	13.439	162	1302638	40.007	ng/ul	99
45) 2-Nitroaniline	13.657	65	404885	44.914	ng/ul	96
47) Dimethylphthalate	14.033	163	1675006	41.602	ng/ul	100
48) 2,6-Dinitrotoluene	14.157	165	340212	45.183	ng/ul	98
50) Acenaphthylene	14.286	152	2176084	40.534	ng/ul	100
51) 3-Nitroaniline	14.486	138	360368	45.367	ng/ul	94
52) Acenaphthene	14.627	153	1427146	40.268	ng/ul	100
53) 2,4-Dinitrophenol	14.692	184	191099	40.901	ng/ul	95
55) 4-Nitrophenol	14.786	109	225339	41.845	ng/ul	96
56) Dibenzofuran	14.963	168	1901012	39.956	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	485413	44.874	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.186	232	346498	41.323	ng/ul#	99
59) Diethylphthalate	15.404	149	1751314	42.257	ng/ul	99
61) Fluorene	15.615	166	1554006	40.667	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.615	204	737282	40.940	ng/ul	99
63) 4-Nitroaniline	15.651	138	387320	50.413	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.698	198	292206	40.532	ng/ul	95
67) N-Nitrosodiphenylamine	15.833	169	1330839	41.347	ng/ul	99
68) 4-Bromophenyl-phenylether	16.510	248	443820	42.056	ng/ul	98
69) Hexachlorobenzene	16.610	284	493711	40.875	ng/ul	99
70) Atrazine	16.792	200	291809	27.676	ng/ul	98
71) Pentachlorophenol	16.962	266	298276	37.473	ng/ul	99
72) Phenanthrene	17.362	178	2456852	40.322	ng/ul	100
74) Anthracene	17.451	178	2461462	40.123	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	604680	40.670	ng/uL	100
76) Pentachlorobenzene	14.874	250	570048	40.162	ng/uL	98
77) Carbazole	17.727	167	2324751	40.301	ng/ul	99
78) Di-n-butylphthalate	18.304	149	3229467	44.217	ng/ul	100
80) Fluoranthene	19.380	202	2770143	42.354	ng/ul	99
82) Pyrene	19.745	202	2886499	42.083	ng/ul	99
83) Butylbenzylphthalate	20.662	149	1449549	47.051	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	851625	42.002	ng/ul	98
85) Benzo(a)anthracene	21.503	228	2827094	41.818	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	2223987	47.151	ng/ul	100
87) Chrysene	21.556	228	2628383	41.360	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	3876258	45.847	ng/ul	100
90) Benzo(b)fluoranthene	23.197	252	2755964	43.564	ng/ul	99
91) Benzo(k)fluoranthene	23.244	252	2746978	42.277	ng/ul	99
93) Benzo(a)pyrene	23.821	252	2585168	42.384	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.438	276	3072231	41.652	ng/ul	100
95) Dibenzo(a,h)anthracene	26.468	278	2599344	42.171	ng/ul	99
96) Benzo(g,h,i)perylene	27.209	276	2445091	40.980	ng/ul	98

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

