

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031624\
 Data File : BM044646.D
 Acq On : 15 Mar 2024 23:06
 Operator : MA/JU
 Sample : PB159622BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS622

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024
 Supervised By :mohammad ahmed 03/19/2024

Quant Time: Mar 15 23:59:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 15 11:12:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	211933	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	880276	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.339	164	525452	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1026653	20.000	ng/u1	0.00
79) Chrysene-d12	21.292	240	890506	20.000	ng/u1	0.00
88) Perylene-d12	23.539	264	1002725	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	31099	4.977	ng/uL	0.00
4) Pyridine-d5	3.652	84	458982	24.956	ng/u1	0.00
7) Phenol-d5	6.869	99	557576	25.590	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	365296	27.142	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	438490	27.385	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	423012	24.720	ng/u1	0.00
21) Nitrobenzene-d5	8.857	128	214549	28.944	ng/u1	0.00
24) 2-Nitrophenol-d4	9.569	143	233456	29.215	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	405149	29.791	ng/u1	0.00
31) 4-Chloroaniline-d4	10.622	131	571915	25.320	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	1146803	27.823	ng/u1	0.00
49) Acenaphthylene-d8	14.034	160	1328983	28.192	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	228955	26.785	ng/u1	0.00
60) Fluorene-d10	15.339	176	968630	27.964	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	193337	29.011	ng/u1	0.00
73) Anthracene-d10	17.198	188	1453914	29.627	ng/u1	0.00
81) Pyrene-d10	19.498	212	1605137	29.389	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.398	264	1582315	30.022	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	67105	10.373	ng/uL	96
5) Pyridine	3.670	79	439422	23.036	ng/u1	95
6) Benzaldehyde	6.858	77	248823	26.218	ng/u1	96
8) Phenol	6.899	94	562179	25.280	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.140	93	467552	25.605	ng/u1	97
12) 2-Chlorophenol	7.263	128	437903	26.514	ng/u1	98
13) 2-Methylphenol	8.134	108	416200	24.663	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.222	45	667174	27.667	ng/u1	98
16) Acetophenone	8.522	105	667554	25.153	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.510	70	349873	25.516	ng/u1	94
18) 4-Methylphenol	8.463	108	446315	24.296	ng/u1	98
19) Hexachloroethane	8.757	117	185867	27.474	ng/u1	97
22) Nitrobenzene	8.899	77	509004	28.956	ng/u1	96
23) Isophorone	9.422	82	983441	27.421	ng/u1	99
25) 2-Nitrophenol	9.604	139	242170	27.798	ng/u1	97
26) 2,4-Dimethylphenol	9.663	107	432197	27.265	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.904	93	610883	27.084	ng/u1	100
29) 2,4-Dichlorophenol	10.128	162	389779	28.708	ng/u1	99
30) Naphthalene	10.528	128	1392493	27.930	ng/u1	100
32) 4-Chloroaniline	10.651	127	399719	18.357	ng/u1	99
33) Hexachlorobutadiene	10.799	225	233430	30.674	ng/u1	96
34) Caprolactam	11.434	113	125147m	23.668	ng/u1	
35) 4-Chloro-3-methylphenol	11.775	107	424826	26.981	ng/u1	98
36) 2-Methylnaphthalene	12.146	142	912010	27.508	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	891479	27.258	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.510	216	428608	28.672	ng/ul	98
40) Hexachlorocyclopentadiene	12.481	237	277079	27.922	ng/ul	98
41) 2,4,6-Trichlorophenol	12.763	196	277618	26.491	ng/ul	99
42) 2,4,5-Trichlorophenol	12.834	196	305007	27.158	ng/ul	98
43) 1,1'-Biphenyl	13.169	154	1146435	27.476	ng/ul	99
44) 2-Chloronaphthalene	13.210	162	895795	27.358	ng/ul	99
45) 2-Nitroaniline	13.428	65	287865	28.004	ng/ul	99
47) Dimethylphthalate	13.810	163	1143484	27.263	ng/ul	100
48) 2,6-Dinitrotoluene	13.940	165	225168	26.877	ng/ul	99
50) Acenaphthylene	14.063	152	1503787	27.370	ng/ul	100
51) 3-Nitroaniline	14.263	138	237573	26.254	ng/ul	93
52) Acenaphthene	14.404	153	986819	27.321	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	123187	22.987	ng/ul	98
55) 4-Nitrophenol	14.569	109	161899	27.032	ng/ul	92
56) Dibenzofuran	14.745	168	1309545	27.257	ng/ul	100
57) 2,4-Dinitrotoluene	14.728	165	326080	26.964	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.969	232	239259	25.743	ng/ul	98
59) Diethylphthalate	15.186	149	1177034	27.040	ng/ul	99
61) Fluorene	15.398	166	1087232	27.669	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	519488	28.485	ng/ul	98
63) 4-Nitroaniline	15.434	138	266905m	30.860	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.486	198	196440	27.584	ng/ul	98
67) N-Nitrosodiphenylamine	15.616	169	904685	29.258	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	310071	30.195	ng/ul	99
69) Hexachlorobenzene	16.392	284	357044	30.526	ng/ul	97
70) Atrazine	16.575	200	149252	14.771	ng/ul	98
71) Pentachlorophenol	16.745	266	206202	26.699	ng/ul	98
72) Phenanthrene	17.139	178	1659806	28.500	ng/ul	100
74) Anthracene	17.233	178	1694518	28.770	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.128	216	428296	31.234	ng/ul	99
76) Pentachlorobenzene	14.657	250	413607	31.198	ng/ul	98
77) Carbazole	17.510	167	1573544	28.430	ng/ul	100
78) Di-n-butylphthalate	18.080	149	2095063	28.142	ng/ul	99
80) Fluoranthene	19.163	202	1861355	28.617	ng/ul	98
82) Pyrene	19.527	202	1959036	28.930	ng/ul	98
83) Butylbenzylphthalate	20.445	149	899316	27.009	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.221	252	568459	29.511	ng/ul	98
85) Benzo(a)anthracene	21.280	228	1901693	28.437	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	1413709	29.119	ng/ul	99
87) Chrysene	21.333	228	1753697	28.325	ng/ul	100
89) Di-n-octyl phthalate	22.115	149	2396835	26.709	ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	1841249	27.442	ng/ul	100
91) Benzo(k)fluoranthene	22.910	252	1876509	28.555	ng/ul	99
93) Benzo(a)pyrene	23.445	252	1780077	28.361	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.803	276	2204741	31.318	ng/ul	98
95) Dibenzo(a,h)anthracene	25.827	278	1876371	31.966	ng/ul	98
96) Benzo(g,h,i)perylene	26.497	276	1744820	31.059	ng/ul	99

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

