

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044446.D
 Acq On : 29 Feb 2024 19:07
 Operator : MA/JU
 Sample : PB159329BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS329

Quant Time: Feb 29 22:46:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 29 03:37:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	197361	20.000	ng/u1	0.01
20) Naphthalene-d8	10.769	136	836457	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.604	164	483006	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.351	188	969101	20.000	ng/u1	0.01
79) Chrysene-d12	21.545	240	830836	20.000	ng/u1	0.01
88) Perylene-d12	23.974	264	898484	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	37586	6.009	ng/uL	0.00
4) Pyridine-d5	3.787	84	524419	30.698	ng/u1	0.00
7) Phenol-d5	7.128	99	606474	32.078	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.304	67	379006	30.956	ng/u1	0.01
11) 2-Chlorophenol-d4	7.487	132	477666	33.545	ng/u1	0.01
15) 4-Methylphenol-d8	8.681	113	454899	31.799	ng/u1	0.01
21) Nitrobenzene-d5	9.140	128	231597	34.053	ng/u1	0.02
24) 2-Nitrophenol-d4	9.857	143	251013	36.176	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.392	165	444527	36.318	ng/u1	0.02
31) 4-Chloroaniline-d4	10.922	131	556299	27.061	ng/u1	0.02
46) Dimethylphthalate-d6	14.027	166	1209863	32.478	ng/u1	0.01
49) Acenaphthylene-d8	14.298	160	1447518	33.773	ng/u1	0.01
54) 4-Nitrophenol-d4	14.810	143	245671	33.142	ng/u1	0.01
60) Fluorene-d10	15.598	176	1053081	33.400	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.721	200	201519	33.513	ng/u1	0.01
73) Anthracene-d10	17.451	188	1589918	34.408	ng/u1	0.01
81) Pyrene-d10	19.745	212	1798358	35.978	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.815	264	1655268	35.953	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	116686	17.698	ng/uL	96
5) Pyridine	3.810	79	809487	45.293	ng/u1	94
6) Benzaldehyde	7.110	77	406667	49.552	ng/u1	97
8) Phenol	7.157	94	939912	47.826	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.398	93	770413	46.835	ng/u1	99
12) 2-Chlorophenol	7.522	128	742942	50.431	ng/u1	97
13) 2-Methylphenol	8.410	108	695911	48.064	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.498	45	1014334	45.100	ng/u1	98
16) Acetophenone	8.798	105	1098545	48.065	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.787	70	562961	49.171	ng/u1	98
18) 4-Methylphenol	8.745	108	744239	48.254	ng/u1	97
19) Hexachloroethane	9.034	117	304298	48.690	ng/u1	95
22) Nitrobenzene	9.181	77	814617	49.527	ng/u1	98
23) Isophorone	9.710	82	1585421	49.735	ng/u1	99
25) 2-Nitrophenol	9.887	139	409344	53.191	ng/u1	97
26) 2,4-Dimethylphenol	9.951	107	639234	43.502	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.198	93	1001402	48.323	ng/u1	100
29) 2,4-Dichlorophenol	10.422	162	638742	51.563	ng/u1	99
30) Naphthalene	10.822	128	2320344	48.776	ng/u1	100
32) 4-Chloroaniline	10.945	127	667662	33.330	ng/u1	99
33) Hexachlorobutadiene	11.098	225	365761	49.010	ng/u1	100
34) Caprolactam	11.739	113	217413	50.773	ng/u1	95
35) 4-Chloro-3-methylphenol	12.069	107	703311	53.291	ng/u1	97
36) 2-Methylnaphthalene	12.433	142	1498275	49.446	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.651	142	1479057	49.377	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.792	216	701890	49.089	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	393038	40.856	ng/ul	98
41) 2,4,6-Trichlorophenol	13.039	196	459265	50.391	ng/ul	99
42) 2,4,5-Trichlorophenol	13.110	196	508596	51.621	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1879182	47.789	ng/ul	99
44) 2-Chloronaphthalene	13.480	162	1496836	48.615	ng/ul	99
45) 2-Nitroaniline	13.698	65	461141	54.096	ng/ul	98
47) Dimethylphthalate	14.075	163	1847038	48.513	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	382373	53.703	ng/ul	98
50) Acenaphthylene	14.327	152	2473282	48.719	ng/ul	99
51) 3-Nitroaniline	14.527	138	395644	52.672	ng/ul	95
52) Acenaphthene	14.669	153	1610116	48.043	ng/ul	100
53) 2,4-Dinitrophenol	14.733	184	205620	46.539	ng/ul	94
55) 4-Nitrophenol	14.827	109	255630	50.200	ng/ul	96
56) Dibenzofuran	15.004	168	2151915	47.831	ng/ul	100
57) 2,4-Dinitrotoluene	14.980	165	553196	54.081	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.227	232	391973	49.435	ng/ul	99
59) Diethylphthalate	15.439	149	1935911	49.398	ng/ul	99
61) Fluorene	15.651	166	1742111	48.212	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	827540	48.594	ng/ul	98
63) 4-Nitroaniline	15.686	138	435607m	59.959	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.739	198	314550	47.820	ng/ul#	99
67) N-Nitrosodiphenylamine	15.868	169	1486474	50.615	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	504955	52.443	ng/ul	97
69) Hexachlorobenzene	16.645	284	563633	51.144	ng/ul	98
70) Atrazine	16.827	200	286278	29.758	ng/ul	98
71) Pentachlorophenol	16.998	266	340610	46.899	ng/ul	98
72) Phenanthrene	17.392	178	2775658	49.927	ng/ul	100
74) Anthracene	17.486	178	2822480	50.425	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	694810	51.219	ng/ul	99
76) Pentachlorobenzene	14.916	250	652573	50.390	ng/ul	98
77) Carbazole	17.762	167	2672114	50.770	ng/ul	100
78) Di-n-butylphthalate	18.339	149	3602333	54.057	ng/ul	100
80) Fluoranthene	19.409	202	3173415	52.937	ng/ul	99
82) Pyrene	19.774	202	3307679	52.613	ng/ul	99
83) Butylbenzylphthalate	20.692	149	1691003	59.884	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	935607	50.345	ng/ul	99
85) Benzo(a)anthracene	21.527	228	3193521	51.538	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.474	149	2528794	58.493	ng/ul	99
87) Chrysene	21.586	228	2983762	51.226	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	4531827	58.870	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	3067901	53.262	ng/ul	100
91) Benzo(k)fluoranthene	23.286	252	3153070	53.297	ng/ul	99
93) Benzo(a)pyrene	23.868	252	2928973	52.742	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.521	276	3514692	52.335	ng/ul	99
95) Dibenzo(a,h)anthracene	26.550	278	2936138	52.318	ng/ul	99
96) Benzo(g,h,i)perylene	27.297	276	2818117	51.876	ng/ul	98

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

