

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010224\
 Data File : BM043697.D
 Acq On : 02 Jan 2024 16:17
 Operator : MA/JU
 Sample : PB158064BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS064

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 02 16:58:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 29 22:31:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	183316	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	754222	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.598	164	417277	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	849750	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	736915	20.000	ng/u1	0.00
88) Perylene-d12	23.938	264	822511	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	35111	6.225	ng/uL	0.00
4) Pyridine-d5	3.793	84	503304	31.004	ng/u1	0.00
7) Phenol-d5	7.134	99	654862	31.403	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.298	67	390112	29.538	ng/u1	0.00
11) 2-Chlorophenol-d4	7.492	132	504696	31.697	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	488459	30.185	ng/u1	0.01
21) Nitrobenzene-d5	9.133	128	241591	33.107	ng/u1	0.00
24) 2-Nitrophenol-d4	9.851	143	263734	34.979	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.392	165	465023	34.938	ng/u1	0.01
31) 4-Chloroaniline-d4	10.916	131	632457	32.299	ng/u1	0.00
46) Dimethylphthalate-d6	14.015	166	1183175	31.498	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	1509696	33.880	ng/u1	0.00
54) 4-Nitrophenol-d4	14.815	143	275201	38.708	ng/u1	0.02
60) Fluorene-d10	15.592	176	1062906	34.219	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.715	200	182371	32.451	ng/u1	0.00
73) Anthracene-d10	17.445	188	1591169	33.389	ng/u1	0.00
81) Pyrene-d10	19.733	212	1717717	29.525	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.791	264	1715982	33.808	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.404	88	69160	11.098	ng/uL#	95
5) Pyridine	3.810	79	513736	30.601	ng/u1	95
6) Benzaldehyde	7.104	77	336913	34.073	ng/u1	98
8) Phenol	7.157	94	642321	31.308	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.392	93	489833	29.409	ng/u1	99
12) 2-Chlorophenol	7.522	128	507662	31.299	ng/u1	98
13) 2-Methylphenol	8.410	108	472380	30.323	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.486	45	796957	28.494	ng/u1	99
16) Acetophenone	8.798	105	708404	28.593	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.781	70	380868	25.757	ng/u1	98
18) 4-Methylphenol	8.745	108	503225	29.806	ng/u1	99
19) Hexachloroethane	9.033	117	182206	26.641	ng/u1	92
22) Nitrobenzene	9.175	77	574257	31.798	ng/u1	99
23) Isophorone	9.704	82	1032385	28.182	ng/u1	100
25) 2-Nitrophenol	9.886	139	271819	33.921	ng/u1	97
26) 2,4-Dimethylphenol	9.945	107	462022	32.367	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.192	93	631678	29.203	ng/u1	100
29) 2,4-Dichlorophenol	10.422	162	438792	33.971	ng/u1	97
30) Naphthalene	10.816	128	1531761	31.866	ng/u1	100
32) 4-Chloroaniline	10.939	127	565658	30.041	ng/u1	98
33) Hexachlorobutadiene	11.086	225	225243	34.202	ng/u1	99
34) Caprolactam	11.745	113	152368m	36.913	ng/u1	
35) 4-Chloro-3-methylphenol	12.063	107	482764	31.820	ng/u1	99
36) 2-Methylnaphthalene	12.427	142	1004309	30.693	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	992470	30.072	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.786	216	432473	34.015	ng/ul	96
40) Hexachlorocyclopentadiene	12.757	237	88381	11.079	ng/ul	98
41) 2,4,6-Trichlorophenol	13.039	196	319037	35.302	ng/ul	95
42) 2,4,5-Trichlorophenol	13.110	196	343008	35.746	ng/ul	99
43) 1,1'-Biphenyl	13.433	154	1266088	31.830	ng/ul	99
44) 2-Chloronaphthalene	13.474	162	1003892	32.919	ng/ul	100
45) 2-Nitroaniline	13.692	65	347474	33.978	ng/ul	100
47) Dimethylphthalate	14.063	163	1167928	31.484	ng/ul	100
48) 2,6-Dinitrotoluene	14.192	165	244827	34.136	ng/ul	99
50) Acenaphthylene	14.321	152	1678518	32.802	ng/ul	99
51) 3-Nitroaniline	14.521	138	292495	35.526	ng/ul	98
52) Acenaphthene	14.662	153	1087824	32.256	ng/ul	98
53) 2,4-Dinitrophenol	14.727	184	122163	31.997	ng/ul	97
55) 4-Nitrophenol	14.833	109	201866	36.566	ng/ul	97
56) Dibenzofuran	14.998	168	1441492	33.095	ng/ul	95
57) 2,4-Dinitrotoluene	14.974	165	361655	35.692	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.221	232	267437	36.376	ng/ul	97
59) Diethylphthalate	15.421	149	1229332	32.337	ng/ul	99
61) Fluorene	15.645	166	1247128	33.516	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	540179	33.003	ng/ul	96
63) 4-Nitroaniline	15.680	138	320494	42.528	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.733	198	186086	31.014	ng/ul	95
67) N-Nitrosodiphenylamine	15.857	169	1008488	30.898	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	313979	31.188	ng/ul	96
69) Hexachlorobenzene	16.639	284	374370	32.459	ng/ul	96
70) Atrazine	16.821	200	301501	42.143	ng/ul	98
71) Pentachlorophenol	16.992	266	235178	33.729	ng/ul	98
72) Phenanthrene	17.386	178	1874352	32.545	ng/ul	100
74) Anthracene	17.480	178	1912066	32.896	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.392	216	429236	30.758	ng/ul	99
76) Pentachlorobenzene	14.910	250	409653	30.147	ng/ul	97
77) Carbazole	17.756	167	1837797	37.047	ng/ul	100
78) Di-n-butylphthalate	18.321	149	2254949	34.770	ng/ul	100
80) Fluoranthene	19.397	202	2075378	28.806	ng/ul	98
82) Pyrene	19.762	202	2152271	29.058	ng/ul	99
83) Butylbenzylphthalate	20.668	149	1061277	33.141	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.450	252	611926	33.716	ng/ul	96
85) Benzo(a)anthracene	21.509	228	2053554	33.326	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.450	149	1573834	34.522	ng/ul	100
87) Chrysene	21.568	228	1877928	33.876	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	2656202	33.759	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	2041396	32.387	ng/ul	98
91) Benzo(k)fluoranthene	23.256	252	1946857	31.669	ng/ul	99
93) Benzo(a)pyrene	23.838	252	1917533	33.344	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.462	276	2413719	35.152	ng/ul	100
95) Dibenzo(a,h)anthracene	26.479	278	2002587	35.220	ng/ul	100
96) Benzo(g,h,i)perylene	27.226	276	1888495	35.085	ng/ul	98

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

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