

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
 Data File : BM044389.D
 Acq On : 28 Feb 2024 05:17
 Operator : MA/JU
 Sample : PB159256BS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS256

Quant Time: Feb 28 05:48:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 23:05:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
 Supervised By :mohammad ahmed 02/29/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	212196	20.000	ng/u1	0.00
20) Naphthalene-d8	10.751	136	898198	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.586	164	487655	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.333	188	980914	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	832039	20.000	ng/u1	0.00
88) Perylene-d12	23.950	264	903598	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	42652	6.342	ng/uL	0.00
4) Pyridine-d5	3.781	84	602718	32.815	ng/u1	0.00
7) Phenol-d5	7.110	99	666247	32.775	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	425825	32.349	ng/u1	0.00
11) 2-Chlorophenol-d4	7.469	132	535135	34.954	ng/u1	0.00
15) 4-Methylphenol-d8	8.663	113	503738	32.751	ng/u1	0.00
21) Nitrobenzene-d5	9.116	128	256914	35.179	ng/u1	0.00
24) 2-Nitrophenol-d4	9.839	143	278467	37.374	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	479467	36.480	ng/u1	0.00
31) 4-Chloroaniline-d4	10.898	131	635297	28.780	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	1282820	34.108	ng/u1	0.00
49) Acenaphthylene-d8	14.280	160	1565935	36.188	ng/u1	0.00
54) 4-Nitrophenol-d4	14.798	143	262232	35.039	ng/u1	0.01
60) Fluorene-d10	15.580	176	1116185	35.064	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	212145	34.856	ng/u1	0.00
73) Anthracene-d10	17.433	188	1660831	35.510	ng/u1	0.00
81) Pyrene-d10	19.733	212	1857322	37.104	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	1684715	36.386	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	134691	19.000	ng/uL	96
5) Pyridine	3.799	79	926648	48.224	ng/u1	96
6) Benzaldehyde	7.093	77	479706	54.365	ng/u1	99
8) Phenol	7.140	94	1043141	49.368	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.381	93	863327	48.814	ng/u1	98
12) 2-Chlorophenol	7.504	128	832925	52.587	ng/u1	97
13) 2-Methylphenol	8.393	108	774506	49.753	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.475	45	1132179	46.820	ng/u1	98
16) Acetophenone	8.781	105	1210544	49.263	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.769	70	624374	50.722	ng/u1	99
18) 4-Methylphenol	8.728	108	818523	49.360	ng/u1	97
19) Hexachloroethane	9.016	117	348241	51.826	ng/u1	97
22) Nitrobenzene	9.163	77	897642	50.824	ng/u1	98
23) Isophorone	9.687	82	1747006	51.037	ng/u1	100
25) 2-Nitrophenol	9.869	139	450844	54.557	ng/u1	95
26) 2,4-Dimethylphenol	9.934	107	704391	44.641	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.181	93	1118342	50.257	ng/u1	99
29) 2,4-Dichlorophenol	10.398	162	694238	52.191	ng/u1	99
30) Naphthalene	10.804	128	2547592	49.871	ng/u1	99
32) 4-Chloroaniline	10.922	127	764233	35.529	ng/u1	99
33) Hexachlorobutadiene	11.075	225	412627	51.489	ng/u1	99
34) Caprolactam	11.716	113	235664	51.252	ng/u1	92
35) 4-Chloro-3-methylphenol	12.045	107	756536	53.384	ng/u1	100
36) 2-Methylnaphthalene	12.416	142	1636041	50.282	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.633	142	1596662	49.639	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	762845	52.843	ng/ul	99
40) Hexachlorocyclopentadiene	12.745	237	457306	47.084	ng/ul	100
41) 2,4,6-Trichlorophenol	13.022	196	497903	54.110	ng/ul	99
42) 2,4,5-Trichlorophenol	13.092	196	541784	54.465	ng/ul	99
43) 1,1'-Biphenyl	13.428	154	2021123	50.909	ng/ul	98
44) 2-Chloronaphthalene	13.463	162	1611287	51.834	ng/ul	99
45) 2-Nitroaniline	13.680	65	489374	56.860	ng/ul	95
47) Dimethylphthalate	14.057	163	1959147	50.967	ng/ul	99
48) 2,6-Dinitrotoluene	14.180	165	405211	56.368	ng/ul	99
50) Acenaphthylene	14.310	152	2661607	51.929	ng/ul	100
51) 3-Nitroaniline	14.510	138	431844	56.943	ng/ul	95
52) Acenaphthene	14.651	153	1720647	50.852	ng/ul	99
53) 2,4-Dinitrophenol	14.716	184	222258	49.826	ng/ul	96
55) 4-Nitrophenol	14.810	109	267786	52.085	ng/ul	96
56) Dibenzofuran	14.986	168	2278774	50.168	ng/ul	99
57) 2,4-Dinitrotoluene	14.963	165	579678	56.130	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.210	232	417146	52.108	ng/ul	97
59) Diethylphthalate	15.421	149	2028565	51.268	ng/ul	99
61) Fluorene	15.633	166	1833834	50.266	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.633	204	874062	50.837	ng/ul	98
63) 4-Nitroaniline	15.669	138	470638m	64.163	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.721	198	338625	50.860	ng/ul#	99
67) N-Nitrosodiphenylamine	15.851	169	1574529	52.968	ng/ul	100
68) 4-Bromophenyl-phenylether	16.533	248	526413	54.013	ng/ul	95
69) Hexachlorobenzene	16.627	284	589015	52.803	ng/ul	100
70) Atrazine	16.810	200	317846	32.641	ng/ul	97
71) Pentachlorophenol	16.980	266	358916	48.825	ng/ul	99
72) Phenanthrene	17.380	178	2885944	51.286	ng/ul	100
74) Anthracene	17.468	178	2955687	52.169	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.380	216	757100	55.138	ng/ul	99
76) Pentachlorobenzene	14.898	250	693502	52.906	ng/ul	99
77) Carbazole	17.745	167	2759427	51.797	ng/ul	100
78) Di-n-butylphthalate	18.321	149	3656076	54.203	ng/ul	99
80) Fluoranthene	19.398	202	3294721	54.881	ng/ul	98
82) Pyrene	19.762	202	3427576	54.441	ng/ul	97
83) Butylbenzylphthalate	20.680	149	1684019	59.551	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.456	252	1008064	54.165	ng/ul	99
85) Benzo(a)anthracene	21.515	228	3287295	52.974	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.462	149	2531334	58.467	ng/ul	100
87) Chrysene	21.574	228	3066324	52.568	ng/ul	100
89) Di-n-octyl phthalate	22.409	149	4516244	58.335	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	3131471	54.058	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	3250116	54.627	ng/ul	100
93) Benzo(a)pyrene	23.850	252	3015606	53.994	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.485	276	3631907	53.774	ng/ul	98
95) Dibenzo(a,h)anthracene	26.515	278	3043416	53.922	ng/ul	99
96) Benzo(g,h,i)perylene	27.262	276	2909134	53.248	ng/ul	98

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

