

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044458.D
 Acq On : 01 Mar 2024 03:02
 Operator : MA/JU
 Sample : P1501-03MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E10A0MS

Quant Time: Mar 01 04:25:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 01 01:46:17 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	7.992	152	206512	20.000	ng/u1	0.01
20) Naphthalene-d8	10.798	136	890898	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.627	164	534623	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	1073622	20.000	ng/u1	0.00
79) Chrysene-d12	21.562	240	929985	20.000	ng/u1	0.00
88) Perylene-d12	24.009	264	1011650	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	24291	3.711	ng/uL	0.00
4) Pyridine-d5	3.810	84	197379	11.042	ng/u1	0.01
7) Phenol-d5	7.151	99	144811	7.320	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	480487	37.506	ng/u1	0.01
11) 2-Chlorophenol-d4	7.516	132	446837	29.989	ng/u1	0.01
15) 4-Methylphenol-d8	8.710	113	264571	17.675	ng/u1	0.01
21) Nitrobenzene-d5	9.163	128	297019	41.004	ng/u1	0.00
24) 2-Nitrophenol-d4	9.886	143	307727	41.639	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.422	165	495270	37.991	ng/u1	0.01
31) 4-Chloroaniline-d4	10.951	131	699787	31.961	ng/u1	0.01
46) Dimethylphthalate-d6	14.057	166	1741062	42.225	ng/u1	0.01
49) Acenaphthylene-d8	14.321	160	1960779	41.332	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	63308	7.716	ng/u1	0.00
60) Fluorene-d10	15.621	176	1500421	42.993	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.745	200	295221	44.317	ng/u1	0.00
73) Anthracene-d10	17.474	188	2365266	46.204	ng/u1	0.00
81) Pyrene-d10	19.768	212	2683377	47.961	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.850	264	2500858	48.244	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.416	88	34064	4.937	ng/uL	97
5) Pyridine	3.828	79	216981	11.603	ng/u1	99
6) Benzaldehyde	7.134	77	374162m	43.571	ng/u1	
8) Phenol	7.181	94	157712	7.669	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.422	93	621227	36.092	ng/u1	100
12) 2-Chlorophenol	7.545	128	451718	29.304	ng/u1	98
13) 2-Methylphenol	8.440	108	315372	20.817	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.528	45	836688	35.553	ng/u1	97
16) Acetophenone	8.828	105	910606	38.077	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.816	70	464949	38.811	ng/u1	98
18) 4-Methylphenol	8.775	108	286089	17.727	ng/u1	99
19) Hexachloroethane	9.063	117	240960	36.847	ng/u1	97
22) Nitrobenzene	9.210	77	680779	38.861	ng/u1	99
23) Isophorone	9.739	82	1307218	38.502	ng/u1	100
25) 2-Nitrophenol	9.916	139	322191	39.308	ng/u1	97
26) 2,4-Dimethylphenol	9.981	107	358433	22.902	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.228	93	837457	37.942	ng/u1	99
29) 2,4-Dichlorophenol	10.451	162	472340	35.800	ng/u1	99
30) Naphthalene	10.851	128	1926423	38.020	ng/u1	100
32) 4-Chloroaniline	10.975	127	557228	26.117	ng/u1	99
33) Hexachlorobutadiene	11.128	225	300137	37.759	ng/u1	99
34) Caprolactam	11.769	113	20232m	4.436	ng/u1	
35) 4-Chloro-3-methylphenol	12.092	107	471757	33.562	ng/u1	98
36) 2-Methylnaphthalene	12.463	142	1257954	38.978	ng/u1	100

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37) 1-Methylnaphthalene	12.680	142	1243633	38.981	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.822	216	594343	37.554	ng/ul	98
40) Hexachlorocyclopentadiene	12.792	237	267618	25.133	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	391798	38.838	ng/ul	99
42) 2,4,5-Trichlorophenol	13.133	196	428849	39.324	ng/ul	98
43) 1,1'-Biphenyl	13.469	154	1605819	36.895	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	1282346	37.628	ng/ul	99
45) 2-Nitroaniline	13.727	65	414631	43.944	ng/ul	97
47) Dimethylphthalate	14.104	163	1697147	40.273	ng/ul	99
48) 2,6-Dinitrotoluene	14.227	165	351957	44.659	ng/ul	97
50) Acenaphthylene	14.351	152	2164476	38.520	ng/ul	99
51) 3-Nitroaniline	14.551	138	349565	42.044	ng/ul	94
52) Acenaphthene	14.692	153	1416375	38.182	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	175477	35.882	ng/ul	97
55) 4-Nitrophenol	14.851	109	45337	8.044	ng/ul	96
56) Dibenzofuran	15.027	168	1943273	39.023	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	519733	45.904	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.251	232	372611	42.456	ng/ul	98
59) Diethylphthalate	15.463	149	1832542	42.245	ng/ul	99
61) Fluorene	15.674	166	1625940	40.652	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.674	204	765893	40.632	ng/ul	99
63) 4-Nitroaniline	15.710	138	378564	47.076	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	297881	40.877	ng/ul	99
67) N-Nitrosodiphenylamine	15.892	169	1402690	43.113	ng/ul	99
68) 4-Bromophenyl-phenylether	16.568	248	475288	44.556	ng/ul	97
69) Hexachlorobenzene	16.668	284	536369	43.932	ng/ul	98
70) Atrazine	16.851	200	326813	30.664	ng/ul	98
71) Pentachlorophenol	17.015	266	321734	39.987	ng/ul	98
72) Phenanthrene	17.415	178	2663393	43.244	ng/ul	100
74) Anthracene	17.509	178	2693068	43.429	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.427	216	593818	39.512	ng/ul	100
76) Pentachlorobenzene	14.939	250	592917	41.327	ng/ul	99
77) Carbazole	17.786	167	2541698	43.590	ng/ul	100
78) Di-n-butylphthalate	18.362	149	3460467	46.873	ng/ul	100
80) Fluoranthene	19.433	202	3073065	45.797	ng/ul	98
82) Pyrene	19.798	202	3159450	44.897	ng/ul	98
83) Butylbenzylphthalate	20.709	149	1586717	50.200	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.486	252	843682	40.558	ng/ul	100
85) Benzo(a)anthracene	21.550	228	3102128	44.725	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.492	149	2441844	50.460	ng/ul	100
87) Chrysene	21.603	228	2873563	44.075	ng/ul	100
89) Di-n-octyl phthalate	22.444	149	4263445	49.188	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	3017523	46.527	ng/ul	99
91) Benzo(k)fluoranthene	23.315	252	3027415	45.449	ng/ul	100
93) Benzo(a)pyrene	23.903	252	2828852	45.241	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.574	276	3403729	45.013	ng/ul	98
95) Dibenzo(a,h)anthracene	26.603	278	2849524	45.095	ng/ul	98
96) Benzo(g,h,i)perylene	27.362	276	2725398	44.557	ng/ul	99

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

