

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
 Data File : BM046994.D
 Acq On : 05 Aug 2024 16:25
 Operator : RC/JU
 Sample : P3171-07MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCVW9MSD

Quant Time: Aug 05 17:01:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:51:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	140941	20.000	ng/u1	0.00
20) Naphthalene-d8	10.163	136	534868	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.063	164	349904	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.833	188	701498	20.000	ng/u1	0.01
79) Chrysene-d12	21.056	240	643983	20.000	ng/u1	0.00
88) Perylene-d12	23.768	264	753043	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	26075	7.329	ng/uL	0.00
4) Pyridine-d5	3.410	84	387222	39.904	ng/u1	0.00
7) Phenol-d5	6.616	99	509893	47.624	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.757	67	353658	50.202	ng/u1	0.00
11) 2-Chlorophenol-d4	6.945	132	426583	47.036	ng/u1	0.00
15) 4-Methylphenol-d8	8.128	113	403034	47.519	ng/u1	0.00
21) Nitrobenzene-d5	8.551	128	204265	47.592	ng/u1	0.00
24) 2-Nitrophenol-d4	9.263	143	233180	49.750	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.804	165	452831	50.320	ng/u1	0.00
31) 4-Chloroaniline-d4	10.316	131	435777	36.846	ng/u1	0.00
46) Dimethylphthalate-d6	13.492	166	1221317	45.650	ng/u1	0.00
49) Acenaphthylene-d8	13.751	160	1415844	47.410	ng/u1	0.00
54) 4-Nitrophenol-d4	14.316	143	246711	47.693	ng/u1	0.02
60) Fluorene-d10	15.068	176	1030771	45.039	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.210	200	225373	50.851	ng/u1	0.00
73) Anthracene-d10	16.933	188	1558037	46.851	ng/u1	0.02
81) Pyrene-d10	19.233	212	1790236	48.562	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.591	264	1865084	47.035	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.052	88	72608	18.342	ng/uL	95
5) Pyridine	3.428	79	497889	51.826	ng/u1	95
6) Benzaldehyde	6.563	77	439792	71.515	ng/u1#	35
8) Phenol	6.640	94	641805	59.524	ng/u1#	93
10) Bis(2-Chloroethyl)ether	6.851	93	466550	50.766	ng/u1	98
12) 2-Chlorophenol	6.981	128	492862	53.641	ng/u1	96
13) 2-Methylphenol	7.863	108	433410	52.767	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	7.928	45	541499	49.170	ng/u1#	89
16) Acetophenone	8.210	105	617092m	46.226	ng/u1	
17) N-Nitroso-di-n-propyla...	8.216	70	390209	55.430	ng/u1	98
18) 4-Methylphenol	8.192	108	464608	52.353	ng/u1	95
19) Hexachloroethane	8.457	117	233512	52.173	ng/u1	88
22) Nitrobenzene	8.587	77	568708	49.595	ng/u1	96
23) Isophorone	9.122	82	1306934	66.609	ng/u1#	97
25) 2-Nitrophenol	9.292	139	278193	54.257	ng/u1	99
26) 2,4-Dimethylphenol	9.381	107	522137	51.663	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.604	93	617231	51.030	ng/u1	96
29) 2,4-Dichlorophenol	9.828	162	529073	58.948	ng/u1	97
30) Naphthalene	10.210	128	2131705	75.274	ng/u1	99
32) 4-Chloroaniline	10.339	127	376554	32.786	ng/u1	98
33) Hexachlorobutadiene	10.498	225	338289	52.243	ng/u1	99
34) Caprolactam	11.098	113	17068	6.280	ng/u1#	1
35) 4-Chloro-3-methylphenol	11.492	107	487750	52.702	ng/u1	99
36) 2-Methylnaphthalene	11.839	142	1996528	100.967	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.063	142	1605467	80.203	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.222	216	618624	56.374	ng/ul	97
40) Hexachlorocyclopentadiene	12.198	237	348125	48.158	ng/ul	99
41) 2,4,6-Trichlorophenol	12.480	196	432604	60.229	ng/ul	98
42) 2,4,5-Trichlorophenol	12.557	196	454693	58.631	ng/ul	98
43) 1,1'-Biphenyl	12.880	154	1510724	57.711	ng/ul	98
44) 2-Chloronaphthalene	12.916	162	1089432	52.407	ng/ul	98
45) 2-Nitroaniline	13.139	65	331184	52.426	ng/ul	96
47) Dimethylphthalate	13.539	163	1327126	49.434	ng/ul	99
48) 2,6-Dinitrotoluene	13.657	165	282084	54.051	ng/ul	87
50) Acenaphthylene	13.774	152	1693228	53.686	ng/ul	98
51) 3-Nitroaniline	13.980	138	228239	42.943	ng/ul	98
52) Acenaphthene	14.127	153	1159904	51.012	ng/ul	99
53) 2,4-Dinitrophenol	14.198	184	188410m	51.166	ng/ul	
55) 4-Nitrophenol	14.333	109	268551	51.295	ng/ul	85
56) Dibenzofuran	14.469	168	1623664	50.880	ng/ul	96
57) 2,4-Dinitrotoluene	14.451	165	422357	52.958	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.716	232	3303605	479.189	ng/ul#	82
59) Diethylphthalate	14.927	149	1336740	46.286	ng/ul	97
61) Fluorene	15.121	166	1375438	52.256	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.127	204	660863	51.002	ng/ul	95
63) 4-Nitroaniline	15.157	138	160537m	30.564	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.221	198	294020	60.628	ng/ul	99
67) N-Nitrosodiphenylamine	15.345	169	1206516	58.026	ng/ul	94
68) 4-Bromophenyl-phenylether	16.021	248	416322	54.831	ng/ul	97
69) Hexachlorobenzene	16.127	284	477261	53.381	ng/ul	98
70) Atrazine	16.362	200	347625	42.611	ng/ul	96
71) Pentachlorophenol	16.521	266	28446501m	4699.429	ng/ul	
72) Phenanthrene	16.874	178	2239785	56.958	ng/ul	99
74) Anthracene	16.968	178	2044401	51.553	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.839	216	591056	58.560	ng/uL	96
76) Pentachlorobenzene	14.386	250	544976	52.164	ng/uL	98
77) Carbazole	17.239	167	1842738	50.123	ng/ul	99
78) Di-n-butylphthalate	17.821	149	2401157	51.362	ng/ul	98
80) Fluoranthene	18.898	202	2381586	54.057	ng/ul	97
82) Pyrene	19.262	202	2505335	53.368	ng/ul	99
83) Butylbenzylphthalate	20.198	149	1113354	54.262	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.980	252	470161	29.781	ng/ul	98
85) Benzo(a)anthracene	21.039	228	2397008	50.965	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	1653391	55.198	ng/ul	97
87) Chrysene	21.097	228	2259848	50.379	ng/ul	99
89) Di-n-octyl phthalate	22.044	149	2832856	53.324	ng/ul	100
90) Benzo(b)fluoranthene	22.927	252	2398642	51.494	ng/ul	99
91) Benzo(k)fluoranthene	22.980	252	2391713	51.958	ng/ul	99
93) Benzo(a)pyrene	23.650	252	2140555	49.326	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.791	276	2973199	53.475	ng/ul	97
95) Dibenzo(a,h)anthracene	26.850	278	2373639	53.150	ng/ul	98
96) Benzo(g,h,i)perylene	27.732	276	2316791	52.739	ng/ul	99

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

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