

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047061.D
 Acq On : 07 Aug 2024 17:28
 Operator : RC/JU
 Sample : P3439-02MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCVW9MS

Quant Time: Aug 08 00:21:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 04:48:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/30/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	280115	20.000	ng/u1	0.00
20) Naphthalene-d8	10.151	136	1035047	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.051	164	670308	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.821	188	1333673	20.000	ng/u1	0.00
79) Chrysene-d12	21.044	240	1218593	20.000	ng/u1	0.00
88) Perylene-d12	23.750	264	1399169	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	28761	4.068	ng/uL	0.00
4) Pyridine-d5	3.410	84	178559	9.258	ng/u1	0.00
7) Phenol-d5	6.622	99	205435	9.654	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.751	67	422007	30.141	ng/u1	0.00
11) 2-Chlorophenol-d4	6.945	132	485379	26.928	ng/u1	0.00
15) 4-Methylphenol-d8	8.134	113	345643	20.505	ng/u1	0.01
21) Nitrobenzene-d5	8.545	128	266144	32.044	ng/u1	0.00
24) 2-Nitrophenol-d4	9.257	143	287229	31.667	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.804	165	567712	32.600	ng/u1	0.01
31) 4-Chloroaniline-d4	10.275	131	103007	4.501	ng/u1	-0.03
46) Dimethylphthalate-d6	13.486	166	1550002	30.242	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	1820358	31.819	ng/u1	0.00
54) 4-Nitrophenol-d4	14.321	143	104231	10.518	ng/u1	0.02
60) Fluorene-d10	15.057	176	1343622	30.646	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	291165m	34.555	ng/u1	0.00
73) Anthracene-d10	16.921	188	1993823	31.536	ng/u1	0.01
81) Pyrene-d10	19.221	212	2485959	35.637	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	2372592	32.203	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.052	88	38091	4.842	ng/uL	91
5) Pyridine	3.428	79	195257	10.226	ng/u1	92
6) Benzaldehyde	6.557	77	539728	44.159	ng/u1#	9
8) Phenol	6.645	94	267914	12.502	ng/u1#	80
10) Bis(2-Chloroethyl)ether	6.845	93	479789	26.268	ng/u1	97
12) 2-Chlorophenol	6.981	128	501568	27.466	ng/u1	96
13) 2-Methylphenol	7.869	108	370943	22.723	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	7.922	45	610089	27.874	ng/u1	94
16) Acetophenone	8.216	105	632182	23.827	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.204	70	407951	29.158	ng/u1#	97
18) 4-Methylphenol	8.192	108	362769	20.568	ng/u1	97
19) Hexachloroethane	8.451	117	216465	24.335	ng/u1	85
22) Nitrobenzene	8.586	77	642054	28.934	ng/u1	93
23) Isophorone	9.116	82	1889810	49.772	ng/u1	99
25) 2-Nitrophenol	9.286	139	299011	30.136	ng/u1	95
26) 2,4-Dimethylphenol	9.381	107	372395	19.041	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.598	93	697792	29.812	ng/u1	98
29) 2,4-Dichlorophenol	9.828	162	609955	35.119	ng/u1	97
30) Naphthalene	10.204	128	3268358	59.640	ng/u1	99
32) 4-Chloroaniline	10.357	127	95064	4.277	ng/u1	90
33) Hexachlorobutadiene	10.492	225	314602	25.107	ng/u1	99
35) 4-Chloro-3-methylphenol	11.492	107	576884	32.211	ng/u1	99
36) 2-Methylnaphthalene	11.827	142	2462082	64.342	ng/u1	99
37) 1-Methylnaphthalene	12.057	142	1994271	51.483	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.210	216	648715	30.859	ng/ul	99
40) Hexachlorocyclopentadiene	12.186	237	281911	20.357	ng/ul#	95
41) 2,4,6-Trichlorophenol	12.480	196	526090	38.234	ng/ul	99
42) 2,4,5-Trichlorophenol	12.557	196	568725	38.281	ng/ul	99
43) 1,1'-Biphenyl	12.874	154	1641952	32.742	ng/ul	97
44) 2-Chloronaphthalene	12.910	162	1201959	30.182	ng/ul	98
45) 2-Nitroaniline	13.139	65	385437	31.849	ng/ul	96
47) Dimethylphthalate	13.533	163	1804810	35.093	ng/ul	100
48) 2,6-Dinitrotoluene	13.651	165	335915	33.599	ng/ul#	85
50) Acenaphthylene	13.769	152	1893434	31.338	ng/ul	98
51) 3-Nitroaniline	13.986	138	75071	7.373	ng/ul	95
52) Acenaphthene	14.116	153	1353066	31.063	ng/ul	99
53) 2,4-Dinitrophenol	14.192	184	183470	26.009	ng/ul	89
55) 4-Nitrophenol	14.333	109	113606	11.327	ng/ul	92
56) Dibenzofuran	14.457	168	1768191	28.924	ng/ul	93
57) 2,4-Dinitrotoluene	14.445	165	457161	29.923	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.716	232	8084541	612.136	ng/ul#	78
59) Diethylphthalate	14.915	149	1554981	28.106	ng/ul	97
61) Fluorene	15.115	166	1577573	31.287	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.115	204	730162	29.415	ng/ul	94
63) 4-Nitroaniline	15.151	138	93113	9.254	ng/ul	84
66) 4,6-Dinitro-2-methylph...	15.215	198	411573	44.640	ng/ul#	89
67) N-Nitrosodiphenylamine	15.339	169	1300901	32.909	ng/ul	98
68) 4-Bromophenyl-phenylether	16.010	248	495090	34.297	ng/ul	93
69) Hexachlorobenzene	16.115	284	572473	33.679	ng/ul	98
70) Atrazine	16.351	200	386989	24.951	ng/ul	98
71) Pentachlorophenol	16.515	266	30162049m	2620.922	ng/ul	
72) Phenanthrene	16.862	178	2469723	33.035	ng/ul	99
74) Anthracene	16.957	178	2323877	30.823	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.833	216	603039	31.427	ng/uL	96
76) Pentachlorobenzene	14.374	250	623790	31.405	ng/uL	98
77) Carbazole	17.227	167	2235012	31.977	ng/ul	99
78) Di-n-butylphthalate	17.809	149	2939708	33.075	ng/ul	98
80) Fluoranthene	18.886	202	2956292	35.461	ng/ul	100
82) Pyrene	19.250	202	3007031	33.851	ng/ul	98
83) Butylbenzylphthalate	20.186	149	1404338	36.170	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.980	252	31937	1.069	ng/ul#	94
85) Benzo(a)anthracene	21.027	228	2855494	32.085	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.986	149	2010070	35.463	ng/ul	98
87) Chrysene	21.086	228	2660579	31.344	ng/ul	100
89) Di-n-octyl phthalate	22.027	149	3446542	34.917	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	2887792	33.366	ng/ul	99
91) Benzo(k)fluoranthene	22.962	252	2798206	32.717	ng/ul	99
93) Benzo(a)pyrene	23.627	252	2421999	30.038	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.756	276	3325204	32.188	ng/ul	100
95) Dibenzo(a,h)anthracene	26.815	278	2681035	32.310	ng/ul	99
96) Benzo(g,h,i)perylene	27.691	276	2615635	32.046	ng/ul	98

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

