

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
 Data File : BM047017.D
 Acq On : 06 Aug 2024 08:54
 Operator : RC/JU
 Sample : P3382-05MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E20R9MS

Quant Time: Aug 07 00:56:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 06 04:53:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/07/2024
 Supervised By :mohammad ahmed 08/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	266170	20.000	ng/u1	0.00
20) Naphthalene-d8	10.151	136	1059428	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.051	164	696043	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.809	188	1452062	20.000	ng/u1	0.00
79) Chrysene-d12	21.050	240	1213832	20.000	ng/u1	0.00
88) Perylene-d12	23.756	264	1376714	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	19835	2.952	ng/uL	0.00
4) Pyridine-d5	3.404	84	303272	16.549	ng/u1	0.00
7) Phenol-d5	6.598	99	444883	22.003	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	278949	20.967	ng/u1	0.00
11) 2-Chlorophenol-d4	6.939	132	355507	20.756	ng/u1	0.00
15) 4-Methylphenol-d8	8.116	113	364386	22.749	ng/u1	0.00
21) Nitrobenzene-d5	8.539	128	180538	21.237	ng/u1	0.00
24) 2-Nitrophenol-d4	9.251	143	211314	22.762	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.786	165	403520	22.638	ng/u1	0.00
31) 4-Chloroaniline-d4	10.298	131	502901	21.468	ng/u1	0.00
46) Dimethylphthalate-d6	13.480	166	1225180	23.021	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	1377374	23.186	ng/u1	0.00
54) 4-Nitrophenol-d4	14.292	143	209367	20.346	ng/u1	0.00
60) Fluorene-d10	15.057	176	1026636	22.550	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.198	200	184268	20.086	ng/u1	0.00
73) Anthracene-d10	16.909	188	1597959	23.214	ng/u1	0.00
81) Pyrene-d10	19.227	212	1785395	25.695	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.574	264	1765034	24.347	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.051	88	44147	5.905	ng/uL	99
5) Pyridine	3.428	79	309284	17.047	ng/u1	92
6) Benzaldehyde	6.557	77	270286	23.273	ng/u1	99
8) Phenol	6.628	94	466609	22.915	ng/u1	93
10) Bis(2-Chloroethyl)ether	6.839	93	380658	21.932	ng/u1	97
12) 2-Chlorophenol	6.969	128	375553	21.643	ng/u1	98
13) 2-Methylphenol	7.851	108	358603	23.118	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	7.922	45	491607	23.637	ng/u1	99
16) Acetophenone	8.210	105	571663	22.675	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.204	70	308876	23.233	ng/u1	97
18) 4-Methylphenol	8.181	108	392231	23.403	ng/u1	99
19) Hexachloroethane	8.451	117	159830	18.909	ng/u1	89
22) Nitrobenzene	8.581	77	469918	20.689	ng/u1	95
23) Isophorone	9.110	82	886477	22.810	ng/u1	99
25) 2-Nitrophenol	9.280	139	233074	22.950	ng/u1#	93
26) 2,4-Dimethylphenol	9.363	107	397407	19.852	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.592	93	535089	22.335	ng/u1	100
29) 2,4-Dichlorophenol	9.816	162	404260	22.740	ng/u1	98
30) Naphthalene	10.204	128	1218634	21.725	ng/u1	99
32) 4-Chloroaniline	10.322	127	470961	20.702	ng/u1	98
33) Hexachlorobutadiene	10.492	225	246907	19.251	ng/u1	98
34) Caprolactam	11.116	113	121616m	22.590	ng/u1	
35) 4-Chloro-3-methylphenol	11.469	107	425331	23.202	ng/u1	100
36) 2-Methylnaphthalene	11.827	142	884876	22.592	ng/u1	99

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37) 1-Methylnaphthalene	12.051	142	879475	22.181	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.210	216	483151	22.133	ng/ul	97
40) Hexachlorocyclopentadiene	12.186	237	206773	14.380	ng/ul	99
41) 2,4,6-Trichlorophenol	12.463	196	339546	23.764	ng/ul	97
42) 2,4,5-Trichlorophenol	12.539	196	365982	23.724	ng/ul	99
43) 1,1'-Biphenyl	12.874	154	1179360	22.648	ng/ul	97
44) 2-Chloronaphthalene	12.910	162	938628	22.698	ng/ul	98
45) 2-Nitroaniline	13.127	65	294095	23.403	ng/ul	99
47) Dimethylphthalate	13.527	163	1213486	22.723	ng/ul	100
48) 2,6-Dinitrotoluene	13.645	165	254701	24.534	ng/ul#	84
50) Acenaphthylene	13.768	152	1449705	23.107	ng/ul	100
51) 3-Nitroaniline	13.974	138	258344	24.435	ng/ul	94
52) Acenaphthene	14.115	153	1008241	22.291	ng/ul	99
53) 2,4-Dinitrophenol	14.186	184	97442	13.303	ng/ul	92
55) 4-Nitrophenol	14.310	109	187867	18.039	ng/ul#	82
56) Dibenzofuran	14.457	168	1411335	22.233	ng/ul	95
57) 2,4-Dinitrotoluene	14.439	165	370814	23.373	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.692	232	309516	22.569	ng/ul#	95
59) Diethylphthalate	14.910	149	1245456	21.679	ng/ul	99
61) Fluorene	15.110	166	1154167	22.043	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.115	204	553800	21.485	ng/ul	96
63) 4-Nitroaniline	15.145	138	268289m	25.678	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.210	198	218277	21.744	ng/ul#	90
67) N-Nitrosodiphenylamine	15.333	169	1011700	23.506	ng/ul	99
68) 4-Bromophenyl-phenylether	16.015	248	369231	23.493	ng/ul	92
69) Hexachlorobenzene	16.115	284	428374	23.147	ng/ul	100
70) Atrazine	16.309	200	346124	20.497	ng/ul	98
71) Pentachlorophenol	16.468	266	261850	20.898	ng/ul	97
72) Phenanthrene	16.856	178	1858623	22.834	ng/ul	100
74) Anthracene	16.945	178	1835212	22.357	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.827	216	477925	22.876	ng/ul	96
76) Pentachlorobenzene	14.374	250	470803	21.771	ng/ul	99
77) Carbazole	17.227	167	1786105	23.471	ng/ul	99
78) Di-n-butylphthalate	17.815	149	2234708	23.093	ng/ul	98
80) Fluoranthene	18.886	202	2140011	25.770	ng/ul	99
82) Pyrene	19.250	202	2218454	25.072	ng/ul	97
83) Butylbenzylphthalate	20.192	149	1017848	26.319	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.974	252	643433	21.623	ng/ul	99
85) Benzo(a)anthracene	21.033	228	2087553	23.548	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.991	149	1458172	25.827	ng/ul	99
87) Chrysene	21.086	228	1935717	22.894	ng/ul	100
89) Di-n-octyl phthalate	22.033	149	2516949	25.915	ng/ul	100
90) Benzo(b)fluoranthene	22.909	252	2062632	24.221	ng/ul	98
91) Benzo(k)fluoranthene	22.968	252	2020269	24.007	ng/ul	99
93) Benzo(a)pyrene	23.632	252	1839658	23.188	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.768	276	2372174	23.337	ng/ul	99
95) Dibenzo(a,h)anthracene	26.826	278	1908678	23.377	ng/ul	99
96) Benzo(g,h,i)perylene	27.703	276	1856618	23.118	ng/ul	97

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

