

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080224\
 Data File : BM046950.D
 Acq On : 02 Aug 2024 15:41
 Operator : MA/JU
 Sample : SSTD02026
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020008

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024

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 ahmed
 08/05/2024

Quant Time: Aug 03 02:24:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 03 02:17:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	99153	20.000	ng/u1	0.00
20) Naphthalene-d8	10.163	136	374990	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.063	164	246433	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.821	188	547169	20.000	ng/u1	0.00
79) Chrysene-d12	21.056	240	545699	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	700590	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	20102	10.391	ng/uL	0.00
4) Pyridine-d5	3.410	84	145453	17.951	ng/u1	0.00
7) Phenol-d5	6.604	99	156992	17.905	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	103765	18.365	ng/u1	0.00
11) 2-Chlorophenol-d4	6.945	132	131520	18.698	ng/u1	0.00
15) 4-Methylphenol-d8	8.122	113	121432	21.611	ng/u1	0.00
21) Nitrobenzene-d5	8.545	128	62483	22.099	ng/u1	0.00
24) 2-Nitrophenol-d4	9.263	143	67246	17.414	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.798	165	130147	17.128	ng/u1	0.00
31) 4-Chloroaniline-d4	10.310	131	171254	20.730	ng/u1	0.00
46) Dimethylphthalate-d6	13.486	166	380816	20.685	ng/u1	0.00
49) Acenaphthylene-d8	13.745	160	432532	20.785	ng/u1	0.00
54) 4-Nitrophenol-d4	14.298	143	70638	20.436	ng/u1	0.00
60) Fluorene-d10	15.063	176	331585	19.237	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.204	200	66213	18.653	ng/u1	0.00
73) Anthracene-d10	16.915	188	531090	20.246	ng/u1	0.00
81) Pyrene-d10	19.233	212	618740	22.060	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.586	264	744758	20.014	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.057	88	22366	10.934	ng/uL	100
5) Pyridine	3.428	79	145427	17.850	ng/u1	100
6) Benzaldehyde	6.563	77	99433	18.099	ng/u1	100
8) Phenol	6.634	94	161512	17.779	ng/u1	100
10) Bis(2-Chloroethyl)ether	6.851	93	134111	18.896	ng/u1	100
12) 2-Chlorophenol	6.975	128	135116	19.388	ng/u1	100
13) 2-Methylphenol	7.857	108	118626	21.793	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	7.928	45	161788	23.088	ng/u1	100
16) Acetophenone	8.222	105	198193	21.334	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.210	70	103791	24.274	ng/u1	100
18) 4-Methylphenol	8.187	108	130895	22.255	ng/u1	100
19) Hexachloroethane	8.457	117	63600	21.365	ng/u1	100
22) Nitrobenzene	8.586	77	166299	22.263	ng/u1	100
23) Isophorone	9.116	82	282527	20.090	ng/u1	100
25) 2-Nitrophenol	9.292	139	74687	17.584	ng/u1	100
26) 2,4-Dimethylphenol	9.369	107	146339	18.645	ng/u1	100
27) Bis(2-Chloroethoxy)met...	9.604	93	171931	21.788	ng/u1	100
29) 2,4-Dichlorophenol	9.822	162	129089	17.130	ng/u1	100
30) Naphthalene	10.210	128	409368	21.295	ng/u1	100
32) 4-Chloroaniline	10.333	127	168791	21.298	ng/u1	100
33) Hexachlorobutadiene	10.498	225	90837	14.949	ng/u1	100
34) Caprolactam	11.116	113	36491m	19.486	ng/u1	100
35) 4-Chloro-3-methylphenol	11.475	107	133147	21.567	ng/u1	100
36) 2-Methylnaphthalene	11.839	142	284555	17.307	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.063	142	287103	17.678	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.216	216	156632	16.497	ng/ul	100
40) Hexachlorocyclopentadiene	12.198	237	97449	17.502	ng/ul	100
41) 2,4,6-Trichlorophenol	12.474	196	103760	17.556	ng/ul	100
42) 2,4,5-Trichlorophenol	12.545	196	108829	17.160	ng/ul	100
43) 1,1'-Biphenyl	12.880	154	379170	20.164	ng/ul	100
44) 2-Chloronaphthalene	12.916	162	302415	19.660	ng/ul	100
45) 2-Nitroaniline	13.139	65	92023	23.409	ng/ul	100
47) Dimethylphthalate	13.533	163	382181	20.746	ng/ul	100
48) 2,6-Dinitrotoluene	13.651	165	72377	19.425	ng/ul	100
50) Acenaphthylene	13.774	152	465564	22.156	ng/ul	100
51) 3-Nitroaniline	13.980	138	75732	20.760	ng/ul	100
52) Acenaphthene	14.121	153	330983	21.669	ng/ul	100
53) 2,4-Dinitrophenol	14.192	184	46079	16.837	ng/ul	100
55) 4-Nitrophenol	14.316	109	77589	18.628	ng/ul	100
56) Dibenzofuran	14.468	168	462703	19.923	ng/ul	100
57) 2,4-Dinitrotoluene	14.445	165	117044	20.696	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.704	232	96998	17.606	ng/ul	100
59) Diethylphthalate	14.921	149	413627	21.301	ng/ul	100
61) Fluorene	15.121	166	380709	19.749	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.127	204	183756	17.101	ng/ul	100
63) 4-Nitroaniline	15.151	138	79525	21.139	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.215	198	75713	19.456	ng/ul	100
67) N-Nitrosodiphenylamine	15.345	169	332235	21.964	ng/ul	100
68) 4-Bromophenyl-phenylether	16.021	248	118596	18.403	ng/ul	100
69) Hexachlorobenzene	16.127	284	140823	18.498	ng/ul	100
70) Atrazine	16.315	200	125526	19.736	ng/ul	100
71) Pentachlorophenol	16.480	266	89127	17.693	ng/ul	100
72) Phenanthrene	16.862	178	623167	21.106	ng/ul	100
74) Anthracene	16.951	178	631763	20.949	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.839	216	158221	18.484	ng/ul	100
76) Pentachlorobenzene	14.386	250	161758	18.343	ng/ul	100
77) Carbazole	17.233	167	592542	21.805	ng/ul	100
78) Di-n-butylphthalate	17.821	149	733985	23.001	ng/ul	100
80) Fluoranthene	18.892	202	741414	20.753	ng/ul	100
82) Pyrene	19.262	202	789151	22.667	ng/ul	100
83) Butylbenzylphthalate	20.203	149	340061	25.028	ng/ul	100
84) 3,3'-Dichlorobenzidine	20.980	252	257138	19.630	ng/ul	100
85) Benzo(a)anthracene	21.039	228	799676	20.295	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.003	149	494755	22.613	ng/ul	100
87) Chrysene	21.097	228	763458	20.309	ng/ul	100
89) Di-n-octyl phthalate	22.044	149	885823	20.170	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	864871	19.782	ng/ul	100
91) Benzo(k)fluoranthene	22.980	252	858156	20.030	ng/ul	100
93) Benzo(a)pyrene	23.644	252	816471	20.102	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.779	276	1049442	20.635	ng/ul	100
95) Dibenzo(a,h)anthracene	26.832	278	841927	20.419	ng/ul	100
96) Benzo(g,h,i)perylene	27.715	276	832841	19.029	ng/ul	100

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

