

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092724\
 Data File : BM047681.D
 Acq On : 27 Sep 2024 19:35
 Operator : RC/JU
 Sample : SSTD02038
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020022

Quant Time: Sep 28 02:26:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 01:59:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/01/2024
 Supervised By :mohammad ahmed 10/01/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	138731	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	553617	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	324022	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	619410	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	588645	20.000	ng/u1	0.00
88) Perylene-d12	24.415	264	637397	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	35558	10.337	ng/uL	0.00
4) Pyridine-d5	3.675	84	252867	23.009	ng/u1	0.00
7) Phenol-d5	6.975	99	249728	19.204	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	185808	22.955	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	194637	19.652	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	183499	17.952	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	89046	20.828	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	81952	20.290	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	170415	20.750	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	251883	18.740	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	468719	19.681	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	561582	19.541	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	86489	18.329	ng/u1	0.00
60) Fluorene-d10	15.439	176	408688	19.858	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	63842	19.497	ng/u1	0.00
73) Anthracene-d10	17.286	188	608950	20.416	ng/u1	0.00
81) Pyrene-d10	19.568	212	658647	19.199	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.209	264	653744	19.301	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	39573	10.659	ng/uL	100
5) Pyridine	3.693	79	272201	23.988	ng/u1	100
6) Benzaldehyde	6.951	77	173450	25.200	ng/u1	100
8) Phenol	7.004	94	265719	19.849	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.234	93	220226	20.803	ng/u1	100
12) 2-Chlorophenol	7.381	128	204596	19.946	ng/u1	100
13) 2-Methylphenol	8.257	108	181209	17.982	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.334	45	420809	27.124	ng/u1	100
16) Acetophenone	8.634	105	324111	19.704	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.622	70	178163	20.409	ng/u1	100
18) 4-Methylphenol	8.581	108	205509	18.678	ng/u1	100
19) Hexachloroethane	8.898	117	91672	20.799	ng/u1	100
22) Nitrobenzene	9.010	77	248770	23.285	ng/u1	100
23) Isophorone	9.540	82	454249	21.321	ng/u1	100
25) 2-Nitrophenol	9.722	139	97320	20.841	ng/u1	100
26) 2,4-Dimethylphenol	9.781	107	209537	20.861	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.022	93	276639	21.458	ng/u1	100
29) 2,4-Dichlorophenol	10.257	162	176741	21.227	ng/u1	100
30) Naphthalene	10.663	128	637140	20.889	ng/u1	100
32) 4-Chloroaniline	10.763	127	252036	19.060	ng/u1	100
33) Hexachlorobutadiene	10.951	225	115207	23.198	ng/u1	100
34) Caprolactam	11.534	113	51637m	16.102	ng/u1	
35) 4-Chloro-3-methylphenol	11.886	107	181181	19.324	ng/u1	100
36) 2-Methylnaphthalene	12.269	142	400029	19.080	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	409731	19.342	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.639	216	209695	21.799	ng/ul	100
40) Hexachlorocyclopentadiene	12.628	237	124341	18.802	ng/ul	100
41) 2,4,6-Trichlorophenol	12.881	196	124661	21.120	ng/ul	100
42) 2,4,5-Trichlorophenol	12.945	196	133722	20.844	ng/ul	100
43) 1,1'-Biphenyl	13.280	154	518490	20.300	ng/ul	100
44) 2-Chloronaphthalene	13.322	162	402598	20.554	ng/ul	100
45) 2-Nitroaniline	13.522	65	128529	22.556	ng/ul	100
47) Dimethylphthalate	13.904	163	478052	19.762	ng/ul	100
48) 2,6-Dinitrotoluene	14.016	165	84825	19.216	ng/ul	100
50) Acenaphthylene	14.169	152	633051	20.378	ng/ul	100
51) 3-Nitroaniline	14.345	138	97436	18.905	ng/ul	100
52) Acenaphthene	14.510	153	444385	20.135	ng/ul	100
53) 2,4-Dinitrophenol	14.545	184	42297	17.413	ng/ul	100
55) 4-Nitrophenol	14.651	109	73974	18.621	ng/ul	100
56) Dibenzofuran	14.845	168	599908	20.913	ng/ul	100
57) 2,4-Dinitrotoluene	14.804	165	128727	20.250	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.069	232	108009	21.879	ng/ul	100
59) Diethylphthalate	15.269	149	476451	18.615	ng/ul	100
61) Fluorene	15.492	166	509369	20.346	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	237460	20.483	ng/ul	100
63) 4-Nitroaniline	15.498	138	104973m	20.583	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.563	198	73400	19.831	ng/ul	100
67) N-Nitrosodiphenylamine	15.698	169	394682	20.497	ng/ul	100
68) 4-Bromophenyl-phenylether	16.380	248	126352	19.717	ng/ul	100
69) Hexachlorobenzene	16.498	284	147908	20.200	ng/ul	100
70) Atrazine	16.651	200	127563	18.858	ng/ul	100
71) Pentachlorophenol	16.839	266	85537	18.562	ng/ul	100
72) Phenanthrene	17.227	178	732493	20.729	ng/ul	100
74) Anthracene	17.316	178	749514	20.948	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.245	216	203075	22.545	ng/uL	100
76) Pentachlorobenzene	14.769	250	196705	22.111	ng/uL	100
77) Carbazole	17.580	167	667569	20.407	ng/ul	100
78) Di-n-butylphthalate	18.151	149	748700	17.752	ng/ul	100
80) Fluoranthene	19.239	202	780484	19.302	ng/ul	100
82) Pyrene	19.598	202	867709	20.134	ng/ul	100
83) Butylbenzylphthalate	20.492	149	301391	15.319	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.315	252	242209	17.403	ng/ul	100
85) Benzo(a)anthracene	21.392	228	817216	19.435	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.321	149	457951	15.350	ng/ul	100
87) Chrysene	21.451	228	802391	20.683	ng/ul	100
89) Di-n-octyl phthalate	22.456	149	714798	14.038	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	790982	19.332	ng/ul	100
91) Benzo(k)fluoranthene	23.527	252	793250	19.739	ng/ul	100
93) Benzo(a)pyrene	24.274	252	745862	19.843	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.809	276	950044	20.610	ng/ul	100
95) Dibenzo(a,h)anthracene	27.862	278	773064	20.597	ng/ul	100
96) Benzo(g,h,i)perylene	28.862	276	746592	21.202	ng/ul	100

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

