

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092724\
 Data File : BM047680.D
 Acq On : 27 Sep 2024 18:55
 Operator : RC/JU
 Sample : SSTD01037
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD010021

Manual Integrations
 APPROVED

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

Quant Time: Sep 28 02:25:21 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	135931	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	520217	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	298179	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	572030	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	532729	20.000	ng/u1	0.00
88) Perylene-d12	24.415	264	579497	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	17769	5.272	ng/uL	0.00
4) Pyridine-d5	3.675	84	126248	11.724	ng/u1	0.00
7) Phenol-d5	6.975	99	119388	9.370	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	92860	11.708	ng/u1	0.00
11) 2-Chlorophenol-d4	7.346	132	92936	9.577	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	86771	8.664	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	41883	10.425	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	37654	9.921	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	80248	10.399	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	118529	9.385	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	223652	10.205	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	263137	9.950	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	35424	8.158	ng/u1	0.00
60) Fluorene-d10	15.439	176	192284	10.153	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	26397	8.729	ng/u1	0.00
73) Anthracene-d10	17.280	188	286901	10.416	ng/u1	0.00
81) Pyrene-d10	19.568	212	309241	9.960	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.209	264	308271	10.011	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.293	88	19680	5.410	ng/uL	91
5) Pyridine	3.693	79	134961	12.139	ng/u1	97
6) Benzaldehyde	6.951	77	78392	11.624	ng/u1	95
8) Phenol	7.004	94	128862	9.824	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.234	93	108523	10.462	ng/u1	95
12) 2-Chlorophenol	7.381	128	99815	9.931	ng/u1	99
13) 2-Methylphenol	8.251	108	88050	8.918	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.334	45	210689	13.860	ng/u1	99
16) Acetophenone	8.634	105	157966	9.801	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.616	70	85608	10.009	ng/u1	99
18) 4-Methylphenol	8.581	108	101541	9.419	ng/u1	98
19) Hexachloroethane	8.898	117	45639	10.568	ng/u1	99
22) Nitrobenzene	9.010	77	121607	12.113	ng/u1	98
23) Isophorone	9.539	82	214621	10.720	ng/u1	98
25) 2-Nitrophenol	9.722	139	44561	10.155	ng/u1	96
26) 2,4-Dimethylphenol	9.781	107	98685	10.456	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.016	93	134781	11.126	ng/u1	96
29) 2,4-Dichlorophenol	10.251	162	83104	10.622	ng/u1	96
30) Naphthalene	10.657	128	315178	10.997	ng/u1	99
32) 4-Chloroaniline	10.763	127	117279	9.438	ng/u1	100
33) Hexachlorobutadiene	10.951	225	57751	12.376	ng/u1	99
34) Caprolactam	11.528	113	22209	7.370	ng/u1	96
35) 4-Chloro-3-methylphenol	11.886	107	81866	9.292	ng/u1	97
36) 2-Methylnaphthalene	12.269	142	194343	9.864	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	198075	9.951	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.639	216	102731	11.605	ng/ul	96
40) Hexachlorocyclopentadiene	12.628	237	57969	9.525	ng/ul	97
41) 2,4,6-Trichlorophenol	12.880	196	56833	10.463	ng/ul	98
42) 2,4,5-Trichlorophenol	12.945	196	63252	10.714	ng/ul	99
43) 1,1'-Biphenyl	13.280	154	253847	10.800	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	195309	10.836	ng/ul	98
45) 2-Nitroaniline	13.522	65	54914	10.472	ng/ul	99
47) Dimethylphthalate	13.904	163	227910	10.238	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	35961	8.852	ng/ul	92
50) Acenaphthylene	14.169	152	300647	10.517	ng/ul	99
51) 3-Nitroaniline	14.339	138	39491	8.327	ng/ul	95
52) Acenaphthene	14.510	153	214670	10.570	ng/ul	97
53) 2,4-Dinitrophenol	14.551	184	16134	7.218	ng/ul	90
55) 4-Nitrophenol	14.645	109	32033	8.762	ng/ul	97
56) Dibenzofuran	14.845	168	288883	10.943	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	55498	9.487	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.069	232	47534	10.463	ng/ul#	97
59) Diethylphthalate	15.269	149	226794	9.629	ng/ul	100
61) Fluorene	15.492	166	238429	10.349	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.486	204	112360	10.532	ng/ul	99
63) 4-Nitroaniline	15.498	138	41441m	8.830	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.563	198	30489	8.920	ng/ul	95
67) N-Nitrosodiphenylamine	15.698	169	184753	10.390	ng/ul	99
68) 4-Bromophenyl-phenylether	16.380	248	61106	10.325	ng/ul	93
69) Hexachlorobenzene	16.498	284	71033	10.504	ng/ul	98
70) Atrazine	16.645	200	59285	9.490	ng/ul	97
71) Pentachlorophenol	16.839	266	37139	8.727	ng/ul	96
72) Phenanthrene	17.227	178	348365	10.675	ng/ul	99
74) Anthracene	17.315	178	353719	10.705	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	101551	12.208	ng/uL	98
76) Pentachlorobenzene	14.769	250	96922	11.797	ng/uL	98
77) Carbazole	17.580	167	308595	10.215	ng/ul	99
78) Di-n-butylphthalate	18.151	149	337453	8.664	ng/ul	100
80) Fluoranthene	19.239	202	366070	10.004	ng/ul	98
82) Pyrene	19.598	202	412264	10.570	ng/ul	99
83) Butylbenzylphthalate	20.498	149	132134	7.421	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.315	252	104025	8.259	ng/ul	98
85) Benzo(a)anthracene	21.392	228	387095	10.172	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.321	149	198810	7.364	ng/ul	98
87) Chrysene	21.450	228	380840	10.847	ng/ul	98
89) Di-n-octyl phthalate	22.456	149	301643	6.516	ng/ul	100
90) Benzo(b)fluoranthene	23.462	252	374805	10.076	ng/ul	98
91) Benzo(k)fluoranthene	23.527	252	383812	10.505	ng/ul	98
93) Benzo(a)pyrene	24.274	252	353798	10.353	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.803	276	457650	10.920	ng/ul	99
95) Dibenzo(a,h)anthracene	27.868	278	370445	10.856	ng/ul	98
96) Benzo(g,h,i)perylene	28.856	276	358270	11.191	ng/ul	99

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

