

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092724\
 Data File : BM047682.D
 Acq On : 27 Sep 2024 20:14
 Operator : RC/JU
 Sample : SSTD04039
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD040023

Quant Time: Sep 28 02:20:48 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	150938	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	627707	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	374365	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	718161	20.000	ng/u1	0.00
79) Chrysene-d12	21.409	240	695790	20.000	ng/u1	0.00
88) Perylene-d12	24.415	264	727373	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	71164	19.014	ng/uL	0.00
4) Pyridine-d5	3.669	84	555306	46.442	ng/u1	0.00
7) Phenol-d5	6.981	99	565228	39.950	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.145	67	404119	45.887	ng/u1	0.00
11) 2-Chlorophenol-d4	7.351	132	436600	40.518	ng/u1	0.00
15) 4-Methylphenol-d8	8.522	113	430646	38.724	ng/u1	0.00
21) Nitrobenzene-d5	8.969	128	212507	43.838	ng/u1	0.00
24) 2-Nitrophenol-d4	9.692	143	212016	46.296	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	406094	43.611	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	594807	39.030	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	1109880	40.335	ng/u1	0.00
49) Acenaphthylene-d8	14.139	160	1356427	40.852	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	223234	40.946	ng/u1	0.00
60) Fluorene-d10	15.439	176	973606	40.946	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.551	200	173402	45.673	ng/u1	0.00
73) Anthracene-d10	17.286	188	1472081	42.567	ng/u1	0.00
81) Pyrene-d10	19.568	212	1642866	40.513	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.215	264	1594689	41.257	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	78414	19.413	ng/uL	99
5) Pyridine	3.693	79	582010	47.143	ng/u1	99
6) Benzaldehyde	6.951	77	350935	46.862	ng/u1	98
8) Phenol	7.004	94	610144	41.891	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.240	93	484007	42.023	ng/u1	99
12) 2-Chlorophenol	7.381	128	456358	40.891	ng/u1	98
13) 2-Methylphenol	8.257	108	424267	38.697	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.334	45	922934	54.679	ng/u1	100
16) Acetophenone	8.634	105	739995	41.349	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.628	70	418171	44.028	ng/u1	98
18) 4-Methylphenol	8.587	108	481046	40.185	ng/u1	100
19) Hexachloroethane	8.898	117	200394	41.790	ng/u1	98
22) Nitrobenzene	9.010	77	590475	48.746	ng/u1	99
23) Isophorone	9.545	82	1075136	44.507	ng/u1	99
25) 2-Nitrophenol	9.722	139	236656	44.698	ng/u1	99
26) 2,4-Dimethylphenol	9.786	107	484708	42.561	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.022	93	632778	43.289	ng/u1	97
29) 2,4-Dichlorophenol	10.257	162	414402	43.895	ng/u1	99
30) Naphthalene	10.663	128	1448212	41.876	ng/u1	100
32) 4-Chloroaniline	10.763	127	587625	39.193	ng/u1	98
33) Hexachlorobutadiene	10.957	225	260049	46.183	ng/u1	98
34) Caprolactam	11.539	113	130938m	36.010	ng/u1	
35) 4-Chloro-3-methylphenol	11.892	107	441529	41.533	ng/u1	99
36) 2-Methylnaphthalene	12.275	142	951827	40.040	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	965538	40.200	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.639	216	487241	43.840	ng/ul	99
40) Hexachlorocyclopentadiene	12.627	237	294066	38.486	ng/ul	100
41) 2,4,6-Trichlorophenol	12.880	196	300235	44.025	ng/ul	99
42) 2,4,5-Trichlorophenol	12.951	196	325507	43.915	ng/ul	95
43) 1,1'-Biphenyl	13.280	154	1207063	40.905	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	931850	41.178	ng/ul	99
45) 2-Nitroaniline	13.521	65	329249	50.011	ng/ul	95
47) Dimethylphthalate	13.904	163	1117923	39.998	ng/ul	99
48) 2,6-Dinitrotoluene	14.021	165	215208	42.196	ng/ul	93
50) Acenaphthylene	14.169	152	1516851	42.261	ng/ul	99
51) 3-Nitroaniline	14.345	138	244721	41.098	ng/ul	99
52) Acenaphthene	14.516	153	1042156	40.870	ng/ul	98
53) 2,4-Dinitrophenol	14.551	184	118613	42.265	ng/ul	89
55) 4-Nitrophenol	14.651	109	188802	41.134	ng/ul	96
56) Dibenzofuran	14.845	168	1406522	42.438	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	322303	43.883	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.074	232	263450	46.189	ng/ul	99
59) Diethylphthalate	15.268	149	1133657	38.337	ng/ul	99
61) Fluorene	15.498	166	1195001	41.314	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.492	204	566793	42.316	ng/ul	98
63) 4-Nitroaniline	15.504	138	256816	43.585	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.568	198	193696	45.136	ng/ul#	95
67) N-Nitrosodiphenylamine	15.698	169	935831	41.918	ng/ul	100
68) 4-Bromophenyl-phenylether	16.380	248	305349	41.096	ng/ul	94
69) Hexachlorobenzene	16.498	284	352621	41.535	ng/ul	98
70) Atrazine	16.651	200	309027	39.403	ng/ul	99
71) Pentachlorophenol	16.833	266	220261	41.226	ng/ul	98
72) Phenanthrene	17.227	178	1720372	41.991	ng/ul	99
74) Anthracene	17.321	178	1798216	43.347	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	472777	45.270	ng/uL	99
76) Pentachlorobenzene	14.768	250	466183	45.197	ng/uL	99
77) Carbazole	17.586	167	1616044	42.607	ng/ul	99
78) Di-n-butylphthalate	18.156	149	1887651	38.602	ng/ul	99
80) Fluoranthene	19.239	202	1913703	40.040	ng/ul	99
82) Pyrene	19.598	202	2149704	42.199	ng/ul	99
83) Butylbenzylphthalate	20.497	149	804698	34.603	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.315	252	614920	37.380	ng/ul	99
85) Benzo(a)anthracene	21.392	228	1995318	40.145	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.321	149	1255219	35.595	ng/ul	100
87) Chrysene	21.456	228	1930177	42.093	ng/ul	99
89) Di-n-octyl phthalate	22.456	149	1964442	33.807	ng/ul	100
90) Benzo(b)fluoranthene	23.468	252	1889279	40.463	ng/ul	100
91) Benzo(k)fluoranthene	23.533	252	1960759	42.756	ng/ul	99
93) Benzo(a)pyrene	24.280	252	1823260	42.506	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.815	276	2287552	43.486	ng/ul	99
95) Dibenzo(a,h)anthracene	27.874	278	1878078	43.848	ng/ul	99
96) Benzo(g,h,i)perylene	28.879	276	1784631	44.412	ng/ul	99

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

