

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120122\
 Data File : BM037815.D
 Acq On : 01 Dec 2022 18:15
 Operator : CG/JU
 Sample : SSTD04099
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD040001

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/07/2022
 Supervised By :mohammad ahmed 12/08/2022

Quant Time: Dec 02 00:18:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 02 00:13:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.098	152	204880	20.000	ng/u1	0.00
20) Naphthalene-d8	10.922	136	958305	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.727	164	634576	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	1367303	20.000	ng/u1	0.00
79) Chrysene-d12	21.633	240	1394703	20.000	ng/u1	0.00
88) Perylene-d12	24.121	264	1449018	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	71375m	14.448	ng/uL	0.00
4) Pyridine-d5	3.863	84	584018	36.318	ng/u1	0.00
7) Phenol-d5	7.251	99	750813	36.733	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	445239	32.654	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	585910	41.253	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	600179	36.899	ng/u1	0.00
21) Nitrobenzene-d5	9.269	128	323422	43.050	ng/u1	0.00
24) 2-Nitrophenol-d4	9.998	143	341149	46.085	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	618146	45.630	ng/u1	0.00
31) 4-Chloroaniline-d4	11.057	131	916704	40.780	ng/u1	0.00
46) Dimethylphthalate-d6	14.133	166	1830168	40.717	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	2215212	41.754	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	372877	37.661	ng/u1	0.00
60) Fluorene-d10	15.716	176	1651395	41.950	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200	300555	40.862	ng/u1	0.00
73) Anthracene-d10	17.563	188	2618256	40.949	ng/u1	0.00
81) Pyrene-d10	19.845	212	3012382	42.503	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	3042048	40.786	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	75381	13.879	ng/uL#	83
5) Pyridine	3.881	79	565189	34.565	ng/u1	99
6) Benzaldehyde	7.228	77	406638	37.904	ng/u1	97
8) Phenol	7.275	94	763249	35.624	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.516	93	615260	35.422	ng/u1	98
12) 2-Chlorophenol	7.657	128	631545	40.704	ng/u1	98
13) 2-Methylphenol	8.540	108	612262	37.459	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.634	45	1145753	36.519	ng/u1	99
16) Acetophenone	8.934	105	958102	35.783	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.922	70	490493	31.255	ng/u1	99
18) 4-Methylphenol	8.875	108	664556	36.801	ng/u1	97
19) Hexachloroethane	9.187	117	238361	35.521	ng/u1	96
22) Nitrobenzene	9.316	77	673629	32.885	ng/u1	99
23) Isophorone	9.845	82	1435628	34.773	ng/u1	99
25) 2-Nitrophenol	10.028	139	368382	43.999	ng/u1	99
26) 2,4-Dimethylphenol	10.081	107	690739	37.566	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.322	93	855554	36.124	ng/u1	99
29) 2,4-Dichlorophenol	10.563	162	630094	45.465	ng/u1	97
30) Naphthalene	10.975	128	2176483	41.537	ng/u1	100
32) 4-Chloroaniline	11.081	127	929245	39.667	ng/u1	96
33) Hexachlorobutadiene	11.251	225	379707	52.191	ng/u1	98
34) Caprolactam	11.869	113	219379m	38.008	ng/u1	
35) 4-Chloro-3-methylphenol	12.192	107	655728	37.014	ng/u1	98
36) 2-Methylnaphthalene	12.569	142	1507298	41.410	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.786	142	1497356	40.891	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.933	216	761151	48.849	ng/u1	100
40) Hexachlorocyclopentadiene	12.910	237	417359	43.013	ng/u1	98
41) 2,4,6-Trichlorophenol	13.169	196	511954	45.628	ng/u1	98
42) 2,4,5-Trichlorophenol	13.239	196	544907	45.390	ng/u1	98
43) 1,1'-Biphenyl	13.569	154	1915865	39.758	ng/u1	99
44) 2-Chloronaphthalene	13.610	162	1514663	40.440	ng/u1	99
45) 2-Nitroaniline	13.816	65	443052	31.201	ng/u1	97
47) Dimethylphthalate	14.180	163	1897518	39.715	ng/u1	100
48) 2,6-Dinitrotoluene	14.304	165	399088	43.257	ng/u1	97
50) Acenaphthylene	14.451	152	2463697	41.082	ng/u1	100
51) 3-Nitroaniline	14.633	138	464557	41.497	ng/u1	97
52) Acenaphthene	14.792	153	1698830	39.610	ng/u1	98
53) 2,4-Dinitrophenol	14.833	184	215633	39.836	ng/u1	97
55) 4-Nitrophenol	14.933	109	226228	25.498	ng/u1	98
56) Dibenzofuran	15.122	168	2286374	40.844	ng/u1	99
57) 2,4-Dinitrotoluene	15.086	165	553289	40.870	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.345	232	480721	48.805	ng/u1	95
59) Diethylphthalate	15.539	149	1950481	37.824	ng/u1	99
61) Fluorene	15.769	166	1934627	39.896	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.757	204	924159	43.688	ng/u1	99
63) 4-Nitroaniline	15.792	138	486027m	45.679	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.845	198	310989	39.838	ng/u1	95
67) N-Nitrosodiphenylamine	15.974	169	1645089	38.723	ng/u1	100
68) 4-Bromophenyl-phenylether	16.651	248	583323	53.040	ng/u1	97
69) Hexachlorobenzene	16.768	284	680928	48.209	ng/u1	99
70) Atrazine	16.921	200	585778	40.622	ng/u1	98
71) Pentachlorophenol	17.110	266	430602	46.043	ng/u1	99
72) Phenanthrene	17.510	178	3100232	38.707	ng/u1	99
74) Anthracene	17.598	178	3156329	38.816	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.533	216	771835	47.187	ng/uL	99
76) Pentachlorobenzene	15.045	250	841778	48.387	ng/uL	99
77) Carbazole	17.868	167	2974359	38.474	ng/u1	99
78) Di-n-butylphthalate	18.415	149	3663081	32.733	ng/u1	100
80) Fluoranthene	19.509	202	3674405	40.584	ng/u1	99
82) Pyrene	19.874	202	3806228	39.802	ng/u1	100
83) Butylbenzylphthalate	20.756	149	1671646	37.525	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.545	252	1294791	46.225	ng/u1	99
85) Benzo(a)anthracene	21.615	228	3747280	40.162	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	2532808	37.632	ng/u1	99
87) Chrysene	21.674	228	3498100	39.840	ng/u1	100
89) Di-n-octyl phthalate	22.480	149	4516956	36.492	ng/u1	100
90) Benzo(b)fluoranthene	23.356	252	3933484	39.931	ng/u1	99
91) Benzo(k)fluoranthene	23.409	252	3721359	38.738	ng/u1	99
93) Benzo(a)pyrene	24.015	252	3400505	39.718	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.727	276	3886631	39.570	ng/u1	99
95) Dibenzo(a,h)anthracene	26.744	278	3535904	40.095	ng/u1	99
96) Benzo(g,h,i)perylene	27.538	276	3374519	39.454	ng/u1	99

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

