

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081222\
 Data File : BM036257.D
 Acq On : 13 Aug 2022 07:56
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020143

Quant Time: Aug 13 08:24:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 11:23:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2022
 Supervised By :Sohil Jodhani 08/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	212373	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	903084	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	535137	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	1100621	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	1161731	20.000	ng/u1	0.00
88) Perylene-d12	23.715	264	1231187	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	45801	8.115	ng/uL	0.00
4) Pyridine-d5	3.640	84	296913	19.203	ng/u1	0.00
7) Phenol-d5	6.998	99	350963	19.707	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.145	67	229332	19.316	ng/u1	0.00
11) 2-Chlorophenol-d4	7.345	132	307522	20.803	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	281668	19.523	ng/u1	-0.01
21) Nitrobenzene-d5	8.981	128	146281	20.441	ng/u1	0.00
24) 2-Nitrophenol-d4	9.698	143	148634	21.319	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	261274	20.720	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	425099	19.914	ng/u1	0.00
46) Dimethylphthalate-d6	13.874	166	740953	20.327	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	945734	20.334	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.686	143	137542	18.375	ng/u1	-0.01
60) Fluorene-d10	15.445	176	670145	20.344	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.574	200	113202	19.134	ng/u1	0.00
73) Anthracene-d10	17.292	188	1032122	20.742	ng/u1	-0.01
81) Pyrene-d10	19.586	212	1219043	18.933	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.562	264	1250465	20.006	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	48855	8.353	ng/uL	95
5) Pyridine	3.663	79	322933	19.903	ng/u1	87
6) Benzaldehyde	6.957	77	162840	21.785	ng/u1	96
8) Phenol	7.022	94	381485	19.574	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.240	93	305411	19.492	ng/u1	99
12) 2-Chlorophenol	7.375	128	315813	20.826	ng/u1	98
13) 2-Methylphenol	8.269	108	283326	19.459	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.351	45	390213	18.867	ng/u1	96
16) Acetophenone	8.640	105	449127	19.389	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.628	70	220044	19.049	ng/u1	94
18) 4-Methylphenol	8.604	108	308622	19.759	ng/u1	96
19) Hexachloroethane	8.881	117	127429	20.366	ng/u1	89
22) Nitrobenzene	9.022	77	332521	20.306	ng/u1	99
23) Isophorone	9.551	82	589329	19.064	ng/u1	98
25) 2-Nitrophenol	9.734	139	163911	21.191	ng/u1	99
26) 2,4-Dimethylphenol	9.798	107	324203	20.512	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.034	93	381301	19.558	ng/u1	99
29) 2,4-Dichlorophenol	10.269	162	273631	20.907	ng/u1	98
30) Naphthalene	10.663	128	985291	20.670	ng/u1	100
32) 4-Chloroaniline	10.786	127	424726	20.029	ng/u1	100
33) Hexachlorobutadiene	10.939	225	166138	20.562	ng/u1	96
34) Caprolactam	11.575	113	80658	18.647	ng/u1	88
35) 4-Chloro-3-methylphenol	11.922	107	281340	20.673	ng/u1	98
36) 2-Methylnaphthalene	12.275	142	623052	19.978	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.492	142	636756	20.256	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.639	216	299462	19.659	ng/ul	97
40) Hexachlorocyclopentadiene	12.616	237	156279	15.404	ng/ul	97
41) 2,4,6-Trichlorophenol	12.892	196	196303	20.137	ng/ul	99
42) 2,4,5-Trichlorophenol	12.969	196	210697	20.256	ng/ul	97
43) 1,1'-Biphenyl	13.286	154	821027	19.933	ng/ul	99
44) 2-Chloronaphthalene	13.327	162	638786	20.208	ng/ul	98
45) 2-Nitroaniline	13.551	65	172385	19.781	ng/ul	98
47) Dimethylphthalate	13.922	163	755541	20.606	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	149284	20.507	ng/ul	94
50) Acenaphthylene	14.174	152	1054660	20.499	ng/ul	99
51) 3-Nitroaniline	14.374	138	118569	14.738	ng/ul	96
52) Acenaphthene	14.516	153	674660	20.213	ng/ul	98
53) 2,4-Dinitrophenol	14.586	184	69232	16.750	ng/ul	96
55) 4-Nitrophenol	14.698	109	107085	18.705	ng/ul	85
56) Dibenzofuran	14.851	168	962429	20.839	ng/ul	99
57) 2,4-Dinitrotoluene	14.827	165	218152	21.259	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.080	232	166409	20.362	ng/ul#	91
59) Diethylphthalate	15.280	149	754723	20.350	ng/ul	99
61) Fluorene	15.498	166	767726	20.350	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.498	204	356483	19.722	ng/ul	97
63) 4-Nitroaniline	15.539	138	113340m	15.303	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.586	198	114807	19.393	ng/ul	92
67) N-Nitrosodiphenylamine	15.716	169	640304	19.789	ng/ul	98
68) 4-Bromophenyl-phenylether	16.392	248	207100	19.194	ng/ul	98
69) Hexachlorobenzene	16.498	284	256573	19.516	ng/ul	99
70) Atrazine	16.668	200	219541	19.562	ng/ul	99
71) Pentachlorophenol	16.851	266	131540	16.378	ng/ul	98
72) Phenanthrene	17.239	178	1209415	20.502	ng/ul	98
74) Anthracene	17.327	178	1217313	20.565	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.251	216	318777	18.625	ng/uL	97
76) Pentachlorobenzene	14.769	250	300991	19.400	ng/uL	100
77) Carbazole	17.610	167	1164624	21.303	ng/ul	99
78) Di-n-butylphthalate	18.168	149	1259580	20.420	ng/ul	99
80) Fluoranthene	19.251	202	1415680	18.403	ng/ul	99
82) Pyrene	19.615	202	1482035	18.691	ng/ul	98
83) Butylbenzylphthalate	20.521	149	577023	20.009	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.303	252	464706	21.677	ng/ul	98
85) Benzo(a)anthracene	21.362	228	1480592	20.248	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.292	149	816392	19.592	ng/ul#	98
87) Chrysene	21.415	228	1445415	20.259	ng/ul	99
89) Di-n-octyl phthalate	22.197	149	1408830	17.720	ng/ul	100
90) Benzo(b)fluoranthene	23.003	252	1610405	19.599	ng/ul	98
91) Benzo(k)fluoranthene	23.050	252	1447960m	18.570	ng/ul	
93) Benzo(a)pyrene	23.609	252	1556841	19.892	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.132	276	1824344	21.869	ng/ul	94
95) Dibenzo(a,h)anthracene	26.144	278	1557984	21.769	ng/ul	97
96) Benzo(g,h,i)perylene	26.880	276	1545189	22.352	ng/ul	96

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

