

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017856.D
 Acq On : 01 Nov 2023 17:47
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020652

Quant Time: Nov 02 01:58:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	152349	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	590622	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.575	164	341636	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.369	188	692337	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.516	240	594860	20.000	ng/u1	0.00
88) Perylene-d12	24.074	264	613888	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	32197	7.862	ng/uL	0.02
4) Pyridine-d5	3.705	84	212473	19.816	ng/u1	0.01
7) Phenol-d5	7.046	99	263537	20.787	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	164198	20.972	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	218664	21.147	ng/u1	-0.01
15) 4-Methylphenol-d8	8.605	113	207829	20.875	ng/u1	0.00
21) Nitrobenzene-d5	9.087	128	101304	21.167	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.799	143	116434	22.019	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.328	165	209905	20.236	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.887	131	268616	19.788	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	571255	19.919	ng/u1	-0.01
49) Acenaphthylene-d8	14.275	160	650921	20.352	ng/u1	0.00
54) 4-Nitrophenol-d4	14.834	143	74425	18.213	ng/u1	0.00
60) Fluorene-d10	15.581	176	476835	19.234	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.734	200	87370	19.159	ng/u1	0.00
73) Anthracene-d10	17.475	188	710779	20.090	ng/u1	0.00
81) Pyrene-d10	19.733	212	792451	21.248	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.904	264	677375	19.811	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	35787	8.238	ng/uL	97
5) Pyridine	3.728	79	223020m	20.301	ng/u1	
6) Benzaldehyde	7.046	77	171824	25.194	ng/u1	96
8) Phenol	7.075	94	263165	21.053	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.322	93	215333	20.648	ng/u1	98
12) 2-Chlorophenol	7.434	128	221307	21.310	ng/u1	98
13) 2-Methylphenol	8.334	108	196207	20.798	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.393	45	260564m	20.299	ng/u1	
16) Acetophenone	8.740	105	324613	20.740	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.705	70	153804	20.717	ng/u1	98
18) 4-Methylphenol	8.669	108	206692	20.632	ng/u1	96
19) Hexachloroethane	8.940	117	104202	21.837	ng/u1	83
22) Nitrobenzene	9.128	77	271269	22.764	ng/u1	97
23) Isophorone	9.640	82	458684	21.525	ng/u1	97
25) 2-Nitrophenol	9.834	139	120212	21.298	ng/u1	89
26) 2,4-Dimethylphenol	9.875	107	235124	21.224	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.134	93	273176	20.727	ng/u1	96
29) 2,4-Dichlorophenol	10.358	162	200889	20.253	ng/u1	96
30) Naphthalene	10.763	128	673812	19.824	ng/u1	99
32) 4-Chloroaniline	10.910	127	257090	19.778	ng/u1	98
33) Hexachlorobutadiene	10.981	225	149739	18.593	ng/u1	98
34) Caprolactam	11.746	113	49395m	19.340	ng/u1	
35) 4-Chloro-3-methylphenol	12.022	107	202489	21.684	ng/u1	93
36) 2-Methylnaphthalene	12.381	142	448493	19.534	ng/u1	99

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37) 1-Methylnaphthalene	12.599	142	448109	19.085	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.734	216	247125	19.549	ng/ul	98
40) Hexachlorocyclopentadiene	12.669	237	138837	19.116	ng/ul	96
41) 2,4,6-Trichlorophenol	12.999	196	154706	20.391	ng/ul	98
42) 2,4,5-Trichlorophenol	13.075	196	160801	20.500	ng/ul	99
43) 1,1'-Biphenyl	13.399	154	578461	20.552	ng/ul	98
44) 2-Chloronaphthalene	13.451	162	464020	20.394	ng/ul	97
45) 2-Nitroaniline	13.698	65	132407	25.609	ng/ul	92
47) Dimethylphthalate	14.046	163	560474	19.829	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	109934	21.131	ng/ul	91
50) Acenaphthylene	14.304	152	733525	20.475	ng/ul	100
51) 3-Nitroaniline	14.540	138	103013	20.819	ng/ul	97
52) Acenaphthene	14.640	153	482248	19.912	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	56419	19.319	ng/ul#	79
55) 4-Nitrophenol	14.845	109	90097	20.828	ng/ul	95
56) Dibenzofuran	14.981	168	662765	19.491	ng/ul	91
57) 2,4-Dinitrotoluene	14.987	165	162057	21.106	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.204	232	130284	18.717	ng/ul#	89
59) Diethylphthalate	15.404	149	564968	20.702	ng/ul	98
61) Fluorene	15.640	166	542007	19.405	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.634	204	275378	18.549	ng/ul#	89
63) 4-Nitroaniline	15.722	138	100839	22.595	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.745	198	93583	19.159	ng/ul#	89
67) N-Nitrosodiphenylamine	15.863	169	444166	21.176	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	157633	19.459	ng/ul#	93
69) Hexachlorobenzene	16.622	284	169800	18.258	ng/ul#	88
70) Atrazine	16.828	200	153425	19.902	ng/ul	96
71) Pentachlorophenol	16.998	266	93902	16.795	ng/ul	98
72) Phenanthrene	17.416	178	814642	20.086	ng/ul	100
74) Anthracene	17.504	178	835600	20.342	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.351	216	241179	20.761	ng/uL	98
76) Pentachlorobenzene	14.875	250	219129	19.463	ng/uL	98
77) Carbazole	17.804	167	705230	20.314	ng/ul	98
78) Di-n-butylphthalate	18.316	149	911797	22.622	ng/ul	99
80) Fluoranthene	19.398	202	931090	21.729	ng/ul	97
82) Pyrene	19.763	202	964368	21.243	ng/ul	98
83) Butylbenzylphthalate	20.633	149	401862	25.737	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	264647	19.692	ng/ul#	98
85) Benzo(a)anthracene	21.498	228	920537	20.356	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	573965	26.333	ng/ul	99
87) Chrysene	21.557	228	860531	20.122	ng/ul	100
89) Di-n-octyl phthalate	22.363	149	962631	24.756	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	823212	19.704	ng/ul	99
91) Benzo(k)fluoranthene	23.333	252	851439	20.108	ng/ul	99
93) Benzo(a)pyrene	23.963	252	779477	19.873	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.798	276	895902	19.165	ng/ul	98
95) Dibenzo(a,h)anthracene	26.821	278	741055	18.999	ng/ul	98
96) Benzo(g,h,i)perylene	27.645	276	718917	19.088	ng/ul	97

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

