

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP017996.D
 Acq On : 09 Nov 2023 19:33
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020663

Quant Time: Nov 09 23:23:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 22:34:38 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	67355	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	276536	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	176386	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.322	188	402508	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	406544	20.000	ng/u1	0.00
88) Perylene-d12	23.963	264	455415	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	15005	7.626	ng/uL	0.00
4) Pyridine-d5	3.681	84	92233	18.036	ng/u1	0.00
7) Phenol-d5	7.028	99	111222	17.571	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	71565	18.665	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	91443	18.056	ng/u1	0.00
15) 4-Methylphenol-d8	8.587	113	91819	18.086	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	44263	17.874	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	50100	18.178	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	90722	18.374	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	121039	17.889	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	295204	18.206	ng/u1	0.00
49) Acenaphthylene-d8	14.240	160	319694	18.391	ng/u1	0.00
54) 4-Nitrophenol-d4	14.793	143	36900	15.538	ng/u1	0.00
60) Fluorene-d10	15.545	176	244196	18.170	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	48813	17.368	ng/u1	0.00
73) Anthracene-d10	17.422	188	388604	18.018	ng/u1	0.00
81) Pyrene-d10	19.675	212	475004	18.154	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	474812	17.937	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	16381	7.389	ng/uL	99
5) Pyridine	3.699	79	96833	18.446	ng/u1	97
6) Benzaldehyde	7.034	77	75210	21.587	ng/u1	97
8) Phenol	7.058	94	111313	17.859	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.311	93	91307	18.560	ng/u1	96
12) 2-Chlorophenol	7.422	128	93456	18.141	ng/u1	99
13) 2-Methylphenol	8.316	108	84318	18.050	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	106791m	18.731	ng/u1	
16) Acetophenone	8.722	105	148629	18.309	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.687	70	78825	17.729	ng/u1	98
18) 4-Methylphenol	8.652	108	89781	17.723	ng/u1	99
19) Hexachloroethane	8.916	117	44635	18.124	ng/u1	98
22) Nitrobenzene	9.116	77	120893	17.942	ng/u1	97
23) Isophorone	9.622	82	214404	17.972	ng/u1	97
25) 2-Nitrophenol	9.816	139	51535	18.184	ng/u1	98
26) 2,4-Dimethylphenol	9.858	107	108780	17.956	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.110	93	121014	17.968	ng/u1	96
29) 2,4-Dichlorophenol	10.340	162	88412	18.674	ng/u1	96
30) Naphthalene	10.740	128	303819	18.119	ng/u1	100
32) 4-Chloroaniline	10.893	127	116424	17.986	ng/u1	98
33) Hexachlorobutadiene	10.957	225	65401	18.593	ng/u1	94
34) Caprolactam	11.734	113	26703m	18.045	ng/u1	
35) 4-Chloro-3-methylphenol	11.999	107	101419	17.991	ng/u1	98
36) 2-Methylnaphthalene	12.352	142	205535	17.934	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	207927	17.809	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.704	216	110710	18.510	ng/ul	100
40) Hexachlorocyclopentadiene	12.646	237	45093	15.770	ng/ul	96
41) 2,4,6-Trichlorophenol	12.969	196	70623	18.076	ng/ul	92
42) 2,4,5-Trichlorophenol	13.051	196	75808	18.130	ng/ul	96
43) 1,1'-Biphenyl	13.369	154	271800	18.122	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	216262	18.228	ng/ul	98
45) 2-Nitroaniline	13.675	65	69708	18.573	ng/ul	92
47) Dimethylphthalate	14.010	163	292457	17.879	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	56087	18.260	ng/ul	96
50) Acenaphthylene	14.269	152	360333	18.100	ng/ul	98
51) 3-Nitroaniline	14.510	138	52346	18.197	ng/ul	99
52) Acenaphthene	14.604	153	239914	18.136	ng/ul	98
53) 2,4-Dinitrophenol	14.722	184	24666	14.927	ng/ul	94
55) 4-Nitrophenol	14.810	109	55637	17.294	ng/ul	99
56) Dibenzofuran	14.945	168	328933	18.014	ng/ul	99
57) 2,4-Dinitrotoluene	14.957	165	86608	18.435	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.169	232	67676	18.592	ng/ul	99
59) Diethylphthalate	15.369	149	332842	12.644	ng/ul	99
61) Fluorene	15.598	166	275541	17.892	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.593	204	136931	18.113	ng/ul	95
63) 4-Nitroaniline	15.687	138	51056	18.744	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.710	198	52449	17.814	ng/ul#	98
67) N-Nitrosodiphenylamine	15.822	169	232297	18.020	ng/ul	99
68) 4-Bromophenyl-phenylether	16.498	248	81016	18.435	ng/ul	95
69) Hexachlorobenzene	16.575	284	91452	18.357	ng/ul	97
70) Atrazine	16.781	200	85788	19.230	ng/ul	98
71) Pentachlorophenol	16.951	266	52694	17.163	ng/ul	98
72) Phenanthrene	17.363	178	448049	17.883	ng/ul	99
74) Anthracene	17.457	178	453581	17.907	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	110527	18.302	ng/uL	96
76) Pentachlorobenzene	14.834	250	108279	18.246	ng/uL	98
77) Carbazole	17.757	167	406208	18.571	ng/ul	99
78) Di-n-butylphthalate	18.257	149	528242	17.957	ng/ul	99
80) Fluoranthene	19.345	202	553465	18.276	ng/ul	99
82) Pyrene	19.704	202	583238	18.222	ng/ul	98
83) Butylbenzylphthalate	20.569	149	257581	18.584	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.375	252	186444	19.354	ng/ul	99
85) Benzo(a)anthracene	21.433	228	598551	18.314	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.310	149	367369	18.903	ng/ul	98
87) Chrysene	21.486	228	554485	18.012	ng/ul	99
89) Di-n-octyl phthalate	22.275	149	643042	18.602	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	582125	17.785	ng/ul	99
91) Benzo(k)fluoranthene	23.233	252	591175	18.096	ng/ul	99
93) Benzo(a)pyrene	23.845	252	557927	18.084	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.627	276	649347	17.758	ng/ul	99
95) Dibenzo(a,h)anthracene	26.651	278	539913	17.859	ng/ul	97
96) Benzo(g,h,i)perylene	27.462	276	519086	17.788	ng/ul	97

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

