

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
 Data File : BP018026.D
 Acq On : 10 Nov 2023 13:50
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020665

Quant Time: Nov 10 23:02:35 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	7.863	152	80570	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	343971	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	220037	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.316	188	508539	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	488281	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	531267	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	15052	6.395	ng/uL	0.00
4) Pyridine-d5	3.675	84	108164	17.682	ng/u1	0.00
7) Phenol-d5	7.028	99	142665	18.842	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	83366	18.176	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	112617	18.589	ng/u1	0.00
15) 4-Methylphenol-d8	8.587	113	118495	19.512	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	56939	18.485	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	65579	19.129	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.304	165	117214	19.086	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.857	131	157753	18.744	ng/u1	-0.01
46) Dimethylphthalate-d6	13.957	166	360567	17.826	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	409617	18.889	ng/u1	0.00
54) 4-Nitrophenol-d4	14.792	143	55156	18.618	ng/u1	0.00
60) Fluorene-d10	15.540	176	306437	18.278	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	55682	15.681	ng/u1	0.00
73) Anthracene-d10	17.416	188	497409	18.255	ng/u1	0.00
81) Pyrene-d10	19.669	212	596114	18.969	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	561557	18.185	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.275	88	17089	6.444	ng/uL	96
5) Pyridine	3.693	79	110910	17.662	ng/u1	96
6) Benzaldehyde	7.028	77	91530	21.962	ng/u1	98
8) Phenol	7.058	94	140967	18.907	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.305	93	111013	18.865	ng/u1	98
12) 2-Chlorophenol	7.416	128	112337	18.229	ng/u1	99
13) 2-Methylphenol	8.316	108	109568	19.608	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	127035m	18.627	ng/u1	
16) Acetophenone	8.716	105	183705	18.918	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.681	70	98725	18.563	ng/u1	99
18) 4-Methylphenol	8.652	108	114321	18.865	ng/u1	98
19) Hexachloroethane	8.916	117	52388	17.784	ng/u1	93
22) Nitrobenzene	9.110	77	155689	18.576	ng/u1	94
23) Isophorone	9.616	82	273873	18.456	ng/u1	99
25) 2-Nitrophenol	9.810	139	67326	19.099	ng/u1	97
26) 2,4-Dimethylphenol	9.857	107	135846	18.027	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.110	93	150180	17.926	ng/u1	100
29) 2,4-Dichlorophenol	10.334	162	111592	18.949	ng/u1	99
30) Naphthalene	10.734	128	379017	18.173	ng/u1	100
32) 4-Chloroaniline	10.887	127	152160	18.898	ng/u1	99
33) Hexachlorobutadiene	10.952	225	78469	17.935	ng/u1	96
34) Caprolactam	11.716	113	36437m	19.795	ng/u1	
35) 4-Chloro-3-methylphenol	11.999	107	133683	19.065	ng/u1	98
36) 2-Methylnaphthalene	12.346	142	256846	18.017	ng/u1	96

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37) 1-Methylnaphthalene	12.569	142	263964	18.176	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.698	216	136265	18.263	ng/ul	98
40) Hexachlorocyclopentadiene	12.640	237	44828	12.567	ng/ul	97
41) 2,4,6-Trichlorophenol	12.963	196	92493	18.977	ng/ul	96
42) 2,4,5-Trichlorophenol	13.040	196	95806	18.367	ng/ul	96
43) 1,1'-Biphenyl	13.369	154	344842	18.431	ng/ul	98
44) 2-Chloronaphthalene	13.416	162	275203	18.594	ng/ul	98
45) 2-Nitroaniline	13.669	65	96167	20.539	ng/ul	95
47) Dimethylphthalate	14.004	163	359092	17.598	ng/ul	99
48) 2,6-Dinitrotoluene	14.163	165	72741	18.984	ng/ul	90
50) Acenaphthylene	14.263	152	460769	18.554	ng/ul	98
51) 3-Nitroaniline	14.504	138	74327	20.713	ng/ul	99
52) Acenaphthene	14.604	153	304058	18.425	ng/ul	99
53) 2,4-Dinitrophenol	14.722	184	27987	13.577	ng/ul	90
55) 4-Nitrophenol	14.804	109	76099	18.961	ng/ul	97
56) Dibenzofuran	14.940	168	421792	18.516	ng/ul	97
57) 2,4-Dinitrotoluene	14.951	165	114015	19.455	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.163	232	88103	19.402	ng/ul	99
59) Diethylphthalate	15.363	149	376057	11.451	ng/ul	99
61) Fluorene	15.592	166	350851	18.262	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.587	204	170555	18.085	ng/ul	96
63) 4-Nitroaniline	15.681	138	75257m	22.148	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.710	198	59555	16.010	ng/ul	97
67) N-Nitrosodiphenylamine	15.816	169	291992	17.928	ng/ul	98
68) 4-Bromophenyl-phenylether	16.492	248	101293	18.243	ng/ul	97
69) Hexachlorobenzene	16.575	284	116211	18.463	ng/ul	98
70) Atrazine	16.775	200	104259	18.498	ng/ul	95
71) Pentachlorophenol	16.945	266	69429	17.899	ng/ul	98
72) Phenanthrene	17.363	178	569268	17.984	ng/ul	99
74) Anthracene	17.451	178	585019	18.280	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.322	216	141425	18.536	ng/uL	97
76) Pentachlorobenzene	14.834	250	136741	18.238	ng/uL	97
77) Carbazole	17.751	167	517434	18.724	ng/ul	99
78) Di-n-butylphthalate	18.251	149	633139	17.035	ng/ul	98
80) Fluoranthene	19.339	202	684572	18.821	ng/ul	100
82) Pyrene	19.698	202	721909	18.779	ng/ul	99
83) Butylbenzylphthalate	20.569	149	305848	18.373	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.375	252	219758	18.993	ng/ul	99
85) Benzo(a)anthracene	21.427	228	717397	18.275	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	416384	17.838	ng/ul	100
87) Chrysene	21.486	228	666812	18.035	ng/ul	100
89) Di-n-octyl phthalate	22.269	149	718420	17.816	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	697004	18.255	ng/ul	98
91) Benzo(k)fluoranthene	23.227	252	672216	17.639	ng/ul	98
93) Benzo(a)pyrene	23.845	252	648087	18.007	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.633	276	772766	18.116	ng/ul	98
95) Dibenzo(a,h)anthracene	26.651	278	642755	18.225	ng/ul	97
96) Benzo(g,h,i)perylene	27.462	276	624030	18.331	ng/ul	99

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

