

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102323\
 Data File : BP017779.D
 Acq On : 24 Oct 2023 16:00
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020792

Quant Time: Oct 25 03:22:56 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 10/25/2023
 Supervised By :mohammad ahmed 10/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	154957	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	612462	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.581	164	374516	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.369	188	752293	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.516	240	636824	20.000	ng/u1	0.00
88) Perylene-d12	24.069	264	635843	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	32521	7.807	ng/uL	0.00
4) Pyridine-d5	3.687	84	215464	19.757	ng/u1	0.00
7) Phenol-d5	7.040	99	271371	21.045	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	177207	22.252	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	222414	21.148	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	219133	21.640	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	107823	21.726	ng/u1	0.00
24) 2-Nitrophenol-d4	9.805	143	120901	22.048	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	224025	20.827	ng/u1	0.00
31) 4-Chloroaniline-d4	10.887	131	282939	20.100	ng/u1	0.00
46) Dimethylphthalate-d6	13.999	166	629395	20.019	ng/u1	0.00
49) Acenaphthylene-d8	14.281	160	728405	20.775	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	88329	19.718	ng/u1	0.00
60) Fluorene-d10	15.587	176	537122	19.764	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	91471	18.459	ng/u1	0.00
73) Anthracene-d10	17.475	188	798973	20.783	ng/u1	0.00
81) Pyrene-d10	19.733	212	880551	22.055	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.898	264	724602	20.461	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	34823	7.882	ng/uL	98
5) Pyridine	3.705	79	225863	20.214	ng/u1	94
6) Benzaldehyde	7.046	77	168184	24.245	ng/u1	97
8) Phenol	7.069	94	267848	21.067	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.322	93	230679	21.747	ng/u1	98
12) 2-Chlorophenol	7.434	128	223043	21.115	ng/u1	97
13) 2-Methylphenol	8.334	108	206674	21.539	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.399	45	309137m	23.678	ng/u1	
16) Acetophenone	8.740	105	348392	21.884	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.711	70	181734	24.067	ng/u1	98
18) 4-Methylphenol	8.669	108	222603	21.846	ng/u1	96
19) Hexachloroethane	8.946	117	102553	21.129	ng/u1	86
22) Nitrobenzene	9.134	77	280789	22.723	ng/u1	100
23) Isophorone	9.646	82	511725	23.158	ng/u1	97
25) 2-Nitrophenol	9.840	139	127080	21.712	ng/u1	96
26) 2,4-Dimethylphenol	9.881	107	248134	21.600	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.140	93	305989	22.389	ng/u1	97
29) 2,4-Dichlorophenol	10.363	162	214701	20.874	ng/u1	98
30) Naphthalene	10.763	128	720089	20.430	ng/u1	99
32) 4-Chloroaniline	10.916	127	269780	20.014	ng/u1	100
33) Hexachlorobutadiene	10.987	225	146434	17.534	ng/u1	99
34) Caprolactam	11.746	113	55272	20.869	ng/u1	89
35) 4-Chloro-3-methylphenol	12.028	107	218407	22.555	ng/u1	94
36) 2-Methylnaphthalene	12.387	142	488144	20.503	ng/u1	99

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37) 1-Methylnaphthalene	12.604	142	494265	20.300	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.740	216	260214	18.777	ng/ul#	97
40) Hexachlorocyclopentadiene	12.675	237	116930	14.686	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	167170	20.100	ng/ul	94
42) 2,4,5-Trichlorophenol	13.075	196	177082	20.594	ng/ul	99
43) 1,1'-Biphenyl	13.404	154	638619	20.698	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	511901	20.523	ng/ul	99
45) 2-Nitroaniline	13.704	65	141523	24.969	ng/ul	98
47) Dimethylphthalate	14.046	163	619341	19.988	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	120802	21.181	ng/ul	96
50) Acenaphthylene	14.310	152	818208	20.833	ng/ul	99
51) 3-Nitroaniline	14.540	138	115961	21.378	ng/ul	97
52) Acenaphthene	14.646	153	539720	20.329	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	54683	17.080	ng/ul	90
55) 4-Nitrophenol	14.840	109	104260	21.986	ng/ul	96
56) Dibenzofuran	14.987	168	750643	20.138	ng/ul	96
57) 2,4-Dinitrotoluene	14.987	165	174150	20.690	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.210	232	140085	18.358	ng/ul#	90
59) Diethylphthalate	15.410	149	619634	20.712	ng/ul	99
61) Fluorene	15.645	166	604791	19.752	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.634	204	300527	18.466	ng/ul	94
63) 4-Nitroaniline	15.722	138	111598	22.810	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	98575	18.573	ng/ul	92
67) N-Nitrosodiphenylamine	15.863	169	498762	21.884	ng/ul	100
68) 4-Bromophenyl-phenylether	16.545	248	161250	18.319	ng/ul#	86
69) Hexachlorobenzene	16.622	284	175015	17.319	ng/ul#	83
70) Atrazine	16.834	200	165752	19.788	ng/ul	96
71) Pentachlorophenol	16.998	266	107202	17.645	ng/ul	99
72) Phenanthrene	17.416	178	919035	20.854	ng/ul	100
74) Anthracene	17.510	178	950448	21.294	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	257936	20.434	ng/ul	98
76) Pentachlorobenzene	14.875	250	231145	18.894	ng/ul	100
77) Carbazole	17.804	167	803171	21.291	ng/ul	98
78) Di-n-butylphthalate	18.316	149	1021778	23.331	ng/ul	100
80) Fluoranthene	19.398	202	1056709	23.036	ng/ul#	95
82) Pyrene	19.763	202	1089456	22.417	ng/ul	96
83) Butylbenzylphthalate	20.633	149	430135	25.733	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	281700	19.579	ng/ul	98
85) Benzo(a)anthracene	21.498	228	1012047	20.905	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.375	149	631960	27.083	ng/ul#	98
87) Chrysene	21.557	228	932647	20.372	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	1062301	26.376	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	903042	20.868	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	917824m	20.927	ng/ul	
93) Benzo(a)pyrene	23.957	252	847616	20.864	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.780	276	948254	19.585	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.810	278	791374	19.589	ng/ul#	97
96) Benzo(g,h,i)perylene	27.627	276	762112	19.536	ng/ul#	93

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

