

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
 Data File : BP017847.D
 Acq On : 01 Nov 2023 09:55
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020651

Quant Time: Nov 02 01:19:30 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	7.893	152	117559	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	454297	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	279394	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	597070	20.000	ng/u1	0.01
79) Chrysene-d12	21.533	240	739900	20.000	ng/u1	0.02
88) Perylene-d12	24.098	264	829626	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	27335	8.650	ng/uL	0.02
4) Pyridine-d5	3.716	84	161316	19.498	ng/u1	0.02
7) Phenol-d5	7.052	99	193043	19.733	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	126901	21.005	ng/u1	0.00
11) 2-Chlorophenol-d4	7.410	132	163008	20.430	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	153078	19.926	ng/u1	0.00
21) Nitrobenzene-d5	9.099	128	76075	20.666	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	83089	20.428	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.345	165	156907	19.666	ng/u1	0.00
31) 4-Chloroaniline-d4	10.898	131	201034	19.253	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	456314	19.455	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	521149	19.924	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	57557	17.223	ng/u1	0.01
60) Fluorene-d10	15.598	176	398379	19.649	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	67516	17.167	ng/u1	0.01
73) Anthracene-d10	17.486	188	616138	20.193	ng/u1	0.01
81) Pyrene-d10	19.745	212	913760	19.698	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.927	264	903284	19.548	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	30040	8.962	ng/uL	98
5) Pyridine	3.734	79	174202m	20.550	ng/u1	
6) Benzaldehyde	7.057	77	128913	24.496	ng/u1	95
8) Phenol	7.081	94	192329	19.940	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.334	93	161763	20.102	ng/u1	98
12) 2-Chlorophenol	7.446	128	163200	20.365	ng/u1	96
13) 2-Methylphenol	8.346	108	142344	19.554	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.404	45	190207m	19.203	ng/u1	
16) Acetophenone	8.751	105	245926	20.362	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.716	70	112228	19.590	ng/u1	96
18) 4-Methylphenol	8.681	108	150159	19.424	ng/u1	95
19) Hexachloroethane	8.951	117	81294	22.078	ng/u1#	79
22) Nitrobenzene	9.146	77	208463	22.743	ng/u1	96
23) Isophorone	9.657	82	337404	20.585	ng/u1	97
25) 2-Nitrophenol	9.851	139	88454	20.374	ng/u1#	85
26) 2,4-Dimethylphenol	9.893	107	184183	21.615	ng/u1	92
27) Bis(2-Chloroethoxy)met...	10.146	93	209355	20.651	ng/u1	97
29) 2,4-Dichlorophenol	10.369	162	150580	19.737	ng/u1#	94
30) Naphthalene	10.775	128	514719	19.688	ng/u1	100
32) 4-Chloroaniline	10.922	127	194212	19.424	ng/u1	99
33) Hexachlorobutadiene	10.998	225	114608	18.501	ng/u1	96
34) Caprolactam	11.757	113	35754m	18.200	ng/u1	
35) 4-Chloro-3-methylphenol	12.040	107	158204	22.025	ng/u1	91
36) 2-Methylnaphthalene	12.392	142	347716	19.689	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.616	142	352054	19.493	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.745	216	189888	18.367	ng/ul#	96
40) Hexachlorocyclopentadiene	12.687	237	94554	15.919	ng/ul#	96
41) 2,4,6-Trichlorophenol	13.010	196	118405	19.083	ng/ul	95
42) 2,4,5-Trichlorophenol	13.087	196	126723	19.755	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	457855	19.891	ng/ul	99
44) 2-Chloronaphthalene	13.463	162	364522	19.590	ng/ul	96
45) 2-Nitroaniline	13.716	65	103859	24.562	ng/ul	92
47) Dimethylphthalate	14.057	163	449650	19.452	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	87172	20.488	ng/ul#	84
50) Acenaphthylene	14.316	152	590203	20.144	ng/ul	99
51) 3-Nitroaniline	14.551	138	82308	20.340	ng/ul	97
52) Acenaphthene	14.657	153	395326	19.959	ng/ul	100
53) 2,4-Dinitrophenol	14.769	184	32916	13.782	ng/ul#	73
55) 4-Nitrophenol	14.851	109	79328	22.424	ng/ul	90
56) Dibenzofuran	14.998	168	546115	19.639	ng/ul	89
57) 2,4-Dinitrotoluene	15.004	165	128474	20.460	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	15.222	232	105606	18.552	ng/ul#	89
59) Diethylphthalate	15.422	149	470366	21.075	ng/ul	99
61) Fluorene	15.657	166	450520	19.723	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.645	204	225305	18.557	ng/ul#	84
63) 4-Nitroaniline	15.733	138	74294	20.355	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.763	198	72960	17.320	ng/ul#	89
67) N-Nitrosodiphenylamine	15.875	169	372637	20.601	ng/ul	100
68) 4-Bromophenyl-phenylether	16.557	248	130734	18.714	ng/ul#	88
69) Hexachlorobenzene	16.633	284	139487	17.392	ng/ul#	81
70) Atrazine	16.845	200	127809	19.225	ng/ul	98
71) Pentachlorophenol	17.010	266	79498	16.487	ng/ul	97
72) Phenanthrene	17.427	178	707550	20.229	ng/ul	99
74) Anthracene	17.522	178	724424	20.450	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.369	216	189477	18.913	ng/ul	98
76) Pentachlorobenzene	14.886	250	175451	18.070	ng/ul	98
77) Carbazole	17.816	167	732176	24.455	ng/ul	99
78) Di-n-butylphthalate	18.327	149	914232	26.302	ng/ul	99
80) Fluoranthene	19.416	202	1041323	19.538	ng/ul	99
82) Pyrene	19.774	202	1111368	19.682	ng/ul	98
83) Butylbenzylphthalate	20.651	149	405405	20.875	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.457	252	312629	18.702	ng/ul	98
85) Benzo(a)anthracene	21.515	228	1126137	20.021	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	566527	20.897	ng/ul	99
87) Chrysene	21.574	228	1056779	19.867	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	976733	18.587	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	1086108	19.236	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	1117187	19.523	ng/ul	99
93) Benzo(a)pyrene	23.980	252	1032660	19.482	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.827	276	1230625	19.480	ng/ul	99
95) Dibenzo(a,h)anthracene	26.856	278	1014237	19.241	ng/ul	98
96) Benzo(g,h,i)perylene	27.680	276	993292	19.515	ng/ul	98

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

