

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110924\
 Data File : BP022980.D
 Acq On : 10 Nov 2024 00:42
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020707

Quant Time: Nov 10 03:07:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 08 23:49:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2024
 Supervised By :mohammad ahmed 11/11/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	68318	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.340	136	265896	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.204	164	219871	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.010	188	553876	20.000	ng/u1	-0.02
79) Chrysene-d12	21.445	240	655369	20.000	ng/u1	-0.01
88) Perylene-d12	24.674	264	774793	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	11721	8.247	ng/uL	0.00
4) Pyridine-d5	3.552	84	83236	19.711	ng/u1	0.00
7) Phenol-d5	6.793	99	99939	19.786	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	57941	19.525	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.134	132	73721	19.929	ng/u1	0.00
15) 4-Methylphenol-d8	8.299	113	81029	19.495	ng/u1	0.00
21) Nitrobenzene-d5	8.734	128	37749	20.393	ng/u1	0.00
24) 2-Nitrophenol-d4	9.446	143	45981	20.836	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.987	165	92643	20.046	ng/u1	0.00
31) 4-Chloroaniline-d4	10.493	131	110833	20.102	ng/u1	0.00
46) Dimethylphthalate-d6	13.628	166	320420	20.220	ng/u1	0.01
49) Acenaphthylene-d8	13.898	160	343727	20.788	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	44235	18.575	ng/u1	-0.01
60) Fluorene-d10	15.210	176	287665	20.705	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.369	200	65818	19.837	ng/u1	0.00
73) Anthracene-d10	17.110	188	492799	21.013	ng/u1	-0.01
81) Pyrene-d10	19.498	212	629441	20.852	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.451	264	784024	21.244	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	12646	7.700	ng/uL	88
5) Pyridine	3.569	79	84352	19.891	ng/u1	99
6) Benzaldehyde	6.758	77	71586m	24.629	ng/u1	
8) Phenol	6.816	94	103778	19.676	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.022	93	78237	19.739	ng/u1	100
12) 2-Chlorophenol	7.163	128	76876	20.017	ng/u1	95
13) 2-Methylphenol	8.040	108	76824	19.513	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.099	45	89784	20.011	ng/u1	96
16) Acetophenone	8.399	105	141625	20.277	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.381	70	71035	20.368	ng/u1	97
18) 4-Methylphenol	8.363	108	83854	19.283	ng/u1	97
19) Hexachloroethane	8.640	117	36007	19.385	ng/u1	98
22) Nitrobenzene	8.775	77	107405	20.221	ng/u1	99
23) Isophorone	9.287	82	194908	20.522	ng/u1	97
25) 2-Nitrophenol	9.475	139	48749	20.929	ng/u1	92
26) 2,4-Dimethylphenol	9.540	107	104964	20.868	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.763	93	108504	20.764	ng/u1	99
29) 2,4-Dichlorophenol	10.010	162	94654	20.677	ng/u1	96
30) Naphthalene	10.393	128	263167	20.372	ng/u1	99
32) 4-Chloroaniline	10.516	127	108191	20.254	ng/u1	96
33) Hexachlorobutadiene	10.663	225	80346	19.398	ng/u1	97
34) Caprolactam	11.304	113	27352m	20.088	ng/u1	
35) 4-Chloro-3-methylphenol	11.651	107	101349	20.580	ng/u1	99
36) 2-Methylnaphthalene	12.004	142	199480	20.454	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	201968	20.258	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.381	216	149351	20.120	ng/ul	98
40) Hexachlorocyclopentadiene	12.351	237	71312	18.291	ng/ul	99
41) 2,4,6-Trichlorophenol	12.640	196	94105	20.820	ng/ul	96
42) 2,4,5-Trichlorophenol	12.716	196	100927	20.712	ng/ul	97
43) 1,1'-Biphenyl	13.028	154	291020	20.656	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	229488	19.926	ng/ul	98
45) 2-Nitroaniline	13.298	65	67623	20.911	ng/ul	92
47) Dimethylphthalate	13.669	163	315491	20.187	ng/ul	98
48) 2,6-Dinitrotoluene	13.787	165	64344	21.166	ng/ul	96
50) Acenaphthylene	13.928	152	345959	20.699	ng/ul	99
51) 3-Nitroaniline	14.128	138	57232	21.858	ng/ul	92
52) Acenaphthene	14.275	153	247954	20.434	ng/ul	97
53) 2,4-Dinitrophenol	14.369	184	37774	17.512	ng/ul	93
55) 4-Nitrophenol	14.475	109	54301	19.489	ng/ul	98
56) Dibenzofuran	14.616	168	382687	20.412	ng/ul	100
57) 2,4-Dinitrotoluene	14.610	165	102094	21.072	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.845	232	97180	20.403	ng/ul	96
59) Diethylphthalate	15.051	149	312523	20.220	ng/ul	99
61) Fluorene	15.263	166	318174	20.735	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.263	204	180684	19.998	ng/ul	98
63) 4-Nitroaniline	15.316	138	55695	22.859	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.386	198	68834	19.421	ng/ul	100
67) N-Nitrosodiphenylamine	15.492	169	270976	21.172	ng/ul	98
68) 4-Bromophenyl-phenylether	16.192	248	128670	20.515	ng/ul	94
69) Hexachlorobenzene	16.298	284	162618	20.596	ng/ul	98
70) Atrazine	16.475	200	126774	20.492	ng/ul	99
71) Pentachlorophenol	16.657	266	94141	19.204	ng/ul	99
72) Phenanthrene	17.045	178	557499	21.318	ng/ul	99
74) Anthracene	17.151	178	551973	20.993	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.998	216	150947	20.641	ng/uL	98
76) Pentachlorobenzene	14.534	250	172767	20.691	ng/uL	97
77) Carbazole	17.433	167	481190	20.977	ng/ul	98
78) Di-n-butylphthalate	18.010	149	534889	21.013	ng/ul	100
80) Fluoranthene	19.151	202	725568	20.864	ng/ul	99
82) Pyrene	19.527	202	793448	21.238	ng/ul	99
83) Butylbenzylphthalate	20.480	149	262069	21.306	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.357	252	311820	21.196	ng/ul	98
85) Benzo(a)anthracene	21.427	228	835370	20.875	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	364142	20.832	ng/ul	98
87) Chrysene	21.492	228	776281	20.616	ng/ul	100
89) Di-n-octyl phthalate	22.580	149	607325	19.321	ng/ul	100
90) Benzo(b)fluoranthene	23.651	252	887403	20.578	ng/ul	100
91) Benzo(k)fluoranthene	23.710	252	879815	20.724	ng/ul#	99
93) Benzo(a)pyrene	24.510	252	825224	21.168	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.309	276	1085048m	19.977	ng/ul	
95) Dibenzo(a,h)anthracene	28.386	278	879344	19.940	ng/ul	99
96) Benzo(g,h,i)perylene	29.445	276	837153m	20.293	ng/ul	

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

