

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080624\
 Data File : BP021450.D
 Acq On : 08 Aug 2024 15:12
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020735

Quant Time: Aug 08 15:58:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

08/08/2024
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	146345	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.375	136	609953	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.251	164	397868	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.080	188	782354	20.000	ng/u1	-0.01
79) Chrysene-d12	21.521	240	952051	20.000	ng/u1	-0.01
88) Perylene-d12	24.804	264	1127974	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	25548	7.944	ng/uL	-0.02
4) Pyridine-d5	3.581	84	157803	16.949	ng/u1	-0.01
7) Phenol-d5	6.846	99	220961	18.520	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	134656	18.623	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.169	132	187112	19.034	ng/u1	-0.01
15) 4-Methylphenol-d8	8.357	113	173336	17.492	ng/u1	0.00
21) Nitrobenzene-d5	8.781	128	86795	18.321	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.493	143	98396	18.146	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.063	165	186077	18.978	ng/u1	0.01
31) 4-Chloroaniline-d4	10.557	131	249078	19.175	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	557457	19.274	ng/u1	-0.01
49) Acenaphthylene-d8	13.945	160	646253	19.899	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.598	143	79479	19.314	ng/u1	0.01
60) Fluorene-d10	15.275	176	479562	20.211	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.463	200	85943	18.156	ng/u1	0.00
73) Anthracene-d10	17.180	188	690625	19.875	ng/u1	-0.01
81) Pyrene-d10	19.563	212	990745	16.832	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.580	264	1086214	19.525	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	28306	8.003	ng/uL	91
5) Pyridine	3.599	79	162481	16.920	ng/u1	94
6) Benzaldehyde	6.805	77	144358	24.000	ng/u1	99
8) Phenol	6.869	94	229609	19.018	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.057	93	186746	18.724	ng/u1	96
12) 2-Chlorophenol	7.199	128	188228	19.105	ng/u1	94
13) 2-Methylphenol	8.087	108	178772	19.147	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.128	45	290673	20.173	ng/u1#	93
16) Acetophenone	8.446	105	292572	19.130	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.416	70	145148	18.113	ng/u1	98
18) 4-Methylphenol	8.434	108	187897	18.784	ng/u1	99
19) Hexachloroethane	8.652	117	80243	18.124	ng/u1	94
22) Nitrobenzene	8.822	77	224113	19.748	ng/u1	94
23) Isophorone	9.340	82	415847	18.432	ng/u1	98
25) 2-Nitrophenol	9.528	139	105861	18.719	ng/u1	99
26) 2,4-Dimethylphenol	9.599	107	213860	19.177	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.810	93	250363	18.256	ng/u1	99
29) 2,4-Dichlorophenol	10.099	162	180838m	18.714	ng/u1	
30) Naphthalene	10.434	128	639207	19.923	ng/u1	98
32) 4-Chloroaniline	10.581	127	243376	19.621	ng/u1	100
33) Hexachlorobutadiene	10.675	225	133742	18.459	ng/u1	99
34) Caprolactam	11.416	113	50281m	16.891	ng/u1	
35) 4-Chloro-3-methylphenol	11.745	107	176474	16.801	ng/u1	97
36) 2-Methylnaphthalene	12.051	142	418261	18.991	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	447244	19.745	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.422	216	246299	19.062	ng/ul	99
40) Hexachlorocyclopentadiene	12.369	237	78436	11.604	ng/ul	99
41) 2,4,6-Trichlorophenol	12.704	196	148420m	18.178	ng/ul	
42) 2,4,5-Trichlorophenol	12.810	196	159211	18.430	ng/ul	98
43) 1,1'-Biphenyl	13.075	154	558048	19.192	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	451853	19.466	ng/ul	99
45) 2-Nitroaniline	13.381	65	135679	21.136	ng/ul	88
47) Dimethylphthalate	13.722	163	563565	19.203	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	110913	18.904	ng/ul	95
50) Acenaphthylene	13.975	152	731184	19.885	ng/ul	100
51) 3-Nitroaniline	14.239	138	113040	22.140	ng/ul#	98
52) Acenaphthene	14.322	153	489079	20.040	ng/ul	98
53) 2,4-Dinitrophenol	14.492	184	54269	17.613	ng/ul	96
55) 4-Nitrophenol	14.622	109	54653m	16.327	ng/ul	
56) Dibenzofuran	14.669	168	677986	20.286	ng/ul	96
57) 2,4-Dinitrotoluene	14.698	165	173038	21.484	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.934	232	143282	19.370	ng/ul	97
59) Diethylphthalate	15.104	149	566338	19.310	ng/ul	100
61) Fluorene	15.334	166	559884	20.529	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.322	204	285669	19.304	ng/ul	99
63) 4-Nitroaniline	15.428	138	103843	24.560	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.475	198	92002	18.327	ng/ul#	96
67) N-Nitrosodiphenylamine	15.557	169	464722	20.399	ng/ul	100
68) 4-Bromophenyl-phenylether	16.233	248	182399	19.891	ng/ul	99
69) Hexachlorobenzene	16.351	284	218898	20.819	ng/ul	99
70) Atrazine	16.539	200	165163	19.892	ng/ul	99
71) Pentachlorophenol	16.751	266	96012	16.813	ng/ul	96
72) Phenanthrene	17.122	178	792344	19.523	ng/ul	100
74) Anthracene	17.216	178	821105	19.845	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	243216	19.423	ng/uL	99
76) Pentachlorobenzene	14.586	250	250038	20.095	ng/uL	99
77) Carbazole	17.522	167	743220	21.974	ng/ul	99
78) Di-n-butylphthalate	18.069	149	951787	20.397	ng/ul	99
80) Fluoranthene	19.222	202	1151325	16.197	ng/ul	98
82) Pyrene	19.598	202	1216804	16.822	ng/ul	98
83) Butylbenzylphthalate	20.533	149	470437	15.610	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.439	252	398505	18.318	ng/ul	98
85) Benzo(a)anthracene	21.504	228	1286662	19.293	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	630355	14.534	ng/ul	98
87) Chrysene	21.574	228	1206761	19.473	ng/ul	99
89) Di-n-octyl phthalate	22.633	149	1133852	15.217	ng/ul	100
90) Benzo(b)fluoranthene	23.757	252	1314607	19.205	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	1353841	19.818	ng/ul	100
93) Benzo(a)pyrene	24.651	252	1263003	19.525	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.562	276	1561662	18.736	ng/ul	97
95) Dibenzo(a,h)anthracene	28.598	278	1286492	18.639	ng/ul	99
96) Benzo(g,h,i)perylene	29.721	276	1123973	16.557	ng/ul	96

08/09/2024

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

