

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080324\
 Data File : BP021337.D
 Acq On : 03 Aug 2024 09:30
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020724

Quant Time: Aug 04 23:31:10 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 :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	167833	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.375	136	660681	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.251	164	424035	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.075	188	922997	20.000	ng/u1	-0.02
79) Chrysene-d12	21.527	240	921574	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1119780	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	29182	7.912	ng/uL	-0.01
4) Pyridine-d5	3.581	84	201706	18.891	ng/u1	-0.01
7) Phenol-d5	6.840	99	245894	17.971	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	153949	18.565	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.163	132	209360	18.571	ng/u1	-0.02
15) 4-Methylphenol-d8	8.346	113	193047	16.987	ng/u1	-0.02
21) Nitrobenzene-d5	8.775	128	100025	19.492	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.481	143	110511	18.815	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.040	165	200265	18.856	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.540	131	264630	18.809	ng/u1	-0.02
46) Dimethylphthalate-d6	13.657	166	584785	18.971	ng/u1	-0.02
49) Acenaphthylene-d8	13.945	160	660983	19.097	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.575	143	103728	23.651	ng/u1	-0.01
60) Fluorene-d10	15.269	176	491557	19.438	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.451	200	99432	17.805	ng/u1	-0.01
73) Anthracene-d10	17.175	188	796034	19.418	ng/u1	-0.02
81) Pyrene-d10	19.569	212	964564	16.929	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.586	264	1055026	19.103	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.199	88	33012	8.138	ng/uL	92
5) Pyridine	3.605	79	207089	18.804	ng/u1	99
6) Benzaldehyde	6.793	77	157826m	22.879	ng/u1	
8) Phenol	6.863	94	253482	18.308	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.057	93	208534	18.232	ng/u1	98
12) 2-Chlorophenol	7.199	128	212754	18.829	ng/u1	98
13) 2-Methylphenol	8.081	108	196024	18.306	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.134	45	312823	18.931	ng/u1	97
16) Acetophenone	8.440	105	316998	18.073	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.410	70	156973	17.080	ng/u1	100
18) 4-Methylphenol	8.416	108	202892	17.686	ng/u1	97
19) Hexachloroethane	8.651	117	96122	18.931	ng/u1	95
22) Nitrobenzene	8.816	77	237202	19.296	ng/u1	99
23) Isophorone	9.322	82	441366	18.061	ng/u1	98
25) 2-Nitrophenol	9.510	139	117764	19.225	ng/u1	98
26) 2,4-Dimethylphenol	9.587	107	230150	19.053	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.793	93	271341	18.267	ng/u1	99
29) 2,4-Dichlorophenol	10.063	162	194618	18.594	ng/u1	96
30) Naphthalene	10.422	128	655207	18.854	ng/u1	100
32) 4-Chloroaniline	10.563	127	255637	19.027	ng/u1	99
33) Hexachlorobutadiene	10.675	225	145365	18.522	ng/u1	99
34) Caprolactam	11.381	113	63224m	19.608	ng/u1	
35) 4-Chloro-3-methylphenol	11.728	107	211674	18.605	ng/u1	99
36) 2-Methylnaphthalene	12.040	142	444279	18.624	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080324\
 Data File : BP021337.D
 Acq On : 03 Aug 2024 09:30
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020724

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :mohammad ahmed 08/05/2024

Quant Time: Aug 04 23:31:10 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	444734	18.127	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.410	216	258606	18.779	ng/ul	96
40) Hexachlorocyclopentadiene	12.363	237	101148	14.041	ng/ul	99
41) 2,4,6-Trichlorophenol	12.675	196	158982	18.271	ng/ul	99
42) 2,4,5-Trichlorophenol	12.787	196	164750	17.895	ng/ul	97
43) 1,1'-Biphenyl	13.057	154	568796	18.355	ng/ul	98
44) 2-Chloronaphthalene	13.110	162	461788	18.666	ng/ul	99
45) 2-Nitroaniline	13.351	65	139114	20.334	ng/ul	93
47) Dimethylphthalate	13.710	163	583402	18.653	ng/ul	99
48) 2,6-Dinitrotoluene	13.857	165	119500	19.110	ng/ul	94
50) Acenaphthylene	13.975	152	739727	18.876	ng/ul	100
51) 3-Nitroaniline	14.210	138	114140	20.976	ng/ul	99
52) Acenaphthene	14.322	153	495283	19.042	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	72114	21.960	ng/ul	96
55) 4-Nitrophenol	14.598	109	75390	21.132	ng/ul	96
56) Dibenzofuran	14.663	168	680289	19.099	ng/ul	100
57) 2,4-Dinitrotoluene	14.675	165	179448	20.905	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	14.916	232	146257	18.552	ng/ul	99
59) Diethylphthalate	15.098	149	592829	18.966	ng/ul	99
61) Fluorene	15.322	166	567064	19.510	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.316	204	294898	18.698	ng/ul	98
63) 4-Nitroaniline	15.410	138	109333	24.262	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.469	198	104758	17.689	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	481205	17.904	ng/ul	99
68) 4-Bromophenyl-phenylether	16.239	248	191353	17.687	ng/ul	98
69) Hexachlorobenzene	16.351	284	220325	17.762	ng/ul	100
70) Atrazine	16.545	200	192407	19.642	ng/ul	99
71) Pentachlorophenol	16.739	266	145726	21.630	ng/ul	100
72) Phenanthrene	17.116	178	905481	18.911	ng/ul	98
74) Anthracene	17.216	178	930026	19.053	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	254306	17.214	ng/uL	96
76) Pentachlorobenzene	14.575	250	257357	17.532	ng/uL	99
77) Carbazole	17.510	167	845430	21.187	ng/ul	100
78) Di-n-butylphthalate	18.080	149	1089451	19.789	ng/ul	100
80) Fluoranthene	19.227	202	1139627	16.563	ng/ul	99
82) Pyrene	19.604	202	1190694	17.006	ng/ul	100
83) Butylbenzylphthalate	20.539	149	514988	17.653	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.433	252	422422	20.059	ng/ul	99
85) Benzo(a)anthracene	21.504	228	1214667	18.815	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	732757	17.454	ng/ul	100
87) Chrysene	21.568	228	1145138	19.090	ng/ul	99
89) Di-n-octyl phthalate	22.657	149	1292707	17.475	ng/ul	100
90) Benzo(b)fluoranthene	23.768	252	1230535	18.108	ng/ul	99
91) Benzo(k)fluoranthene	23.839	252	1286943	18.977	ng/ul	99
93) Benzo(a)pyrene	24.657	252	1195214	18.613	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.574	276	1558764	18.838	ng/ul	99
95) Dibenzo(a,h)anthracene	28.627	278	1301887	19.000	ng/ul	99
96) Benzo(g,h,i)perylene	29.727	276	1281470m	19.016	ng/ul	

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

