

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021104.D
 Acq On : 23 Jul 2024 18:39
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020700

Quant Time: Jul 24 00:50:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Supervised By :mohammad
 ahmed
 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	167012	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	670656	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	427760	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.128	188	925175	20.000	ng/u1	0.00
79) Chrysene-d12	21.575	240	993067	20.000	ng/u1	0.00
88) Perylene-d12	24.898	264	1238204	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	26767	7.293	ng/uL	0.00
4) Pyridine-d5	3.611	84	193131	18.177	ng/u1	0.00
7) Phenol-d5	6.875	99	252702	18.559	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.011	67	145273	17.605	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	210565	18.770	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	202728	17.927	ng/u1	0.00
21) Nitrobenzene-d5	8.816	128	98377	18.886	ng/u1	0.00
24) 2-Nitrophenol-d4	9.528	143	113304	19.004	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	204388	18.958	ng/u1	0.00
31) 4-Chloroaniline-d4	10.581	131	272985	19.114	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	565112	18.173	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	669333	19.170	ng/u1	0.00
54) 4-Nitrophenol-d4	14.593	143	118660m	26.820	ng/u1	0.00
60) Fluorene-d10	15.328	176	488645	19.154	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	90430	16.155	ng/u1	0.00
73) Anthracene-d10	17.222	188	794099	19.325	ng/u1	0.00
81) Pyrene-d10	19.610	212	991063	16.142	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.680	264	1113022	18.226	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	28734	7.119	ng/uL	97
5) Pyridine	3.628	79	199994	18.249	ng/u1	96
6) Benzaldehyde	6.834	77	153121	22.306	ng/u1	96
8) Phenol	6.899	94	253962	18.432	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.105	93	200169	17.587	ng/u1	98
12) 2-Chlorophenol	7.246	128	206935	18.404	ng/u1	98
13) 2-Methylphenol	8.122	108	193649	18.173	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.175	45	284296	17.289	ng/u1	97
16) Acetophenone	8.481	105	308577	17.679	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.458	70	151287	16.543	ng/u1	99
18) 4-Methylphenol	8.452	108	206163	18.060	ng/u1	99
19) Hexachloroethane	8.710	117	89054	17.625	ng/u1	93
22) Nitrobenzene	8.858	77	231687	18.567	ng/u1	99
23) Isophorone	9.381	82	431532	17.396	ng/u1	99
25) 2-Nitrophenol	9.563	139	117644	18.920	ng/u1	96
26) 2,4-Dimethylphenol	9.634	107	226657	18.485	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.852	93	263151	17.452	ng/u1	98
29) 2,4-Dichlorophenol	10.110	162	197061	18.547	ng/u1	99
30) Naphthalene	10.487	128	654640	18.557	ng/u1	99
32) 4-Chloroaniline	10.610	127	260816	19.124	ng/u1	100
33) Hexachlorobutadiene	10.746	225	145774	18.298	ng/u1	99
34) Caprolactam	11.440	113	62867	19.208	ng/u1	95
35) 4-Chloro-3-methylphenol	11.769	107	215624	18.670	ng/u1	97
36) 2-Methylnaphthalene	12.104	142	429166	17.723	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.322	142	445659	17.894	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.475	216	260262	18.735	ng/ul	98
40) Hexachlorocyclopentadiene	12.434	237	125354	17.249	ng/ul	99
41) 2,4,6-Trichlorophenol	12.740	196	162933	18.562	ng/ul	99
42) 2,4,5-Trichlorophenol	12.822	196	173273	18.657	ng/ul	98
43) 1,1'-Biphenyl	13.128	154	570438	18.247	ng/ul	99
44) 2-Chloronaphthalene	13.169	162	470235	18.842	ng/ul	99
45) 2-Nitroaniline	13.404	65	134040	19.422	ng/ul	99
47) Dimethylphthalate	13.763	163	577139	18.292	ng/ul	100
48) 2,6-Dinitrotoluene	13.904	165	118863	18.843	ng/ul	95
50) Acenaphthylene	14.034	152	752364	19.031	ng/ul	99
51) 3-Nitroaniline	14.245	138	119861	21.835	ng/ul	96
52) Acenaphthene	14.375	153	497297	18.953	ng/ul	98
53) 2,4-Dinitrophenol	14.475	184	77911	23.519	ng/ul	99
55) 4-Nitrophenol	14.610	109	82320	22.874	ng/ul	93
56) Dibenzofuran	14.710	168	687506	19.134	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	178769	20.645	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.957	232	148813	18.711	ng/ul	97
59) Diethylphthalate	15.151	149	573860	18.199	ng/ul	99
61) Fluorene	15.381	166	560754	19.124	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.369	204	292243	18.368	ng/ul	97
63) 4-Nitroaniline	15.428	138	126851	27.905	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.498	198	97418	16.411	ng/ul#	98
67) N-Nitrosodiphenylamine	15.598	169	475895	17.664	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	188613	17.393	ng/ul	99
69) Hexachlorobenzene	16.404	284	229778	18.480	ng/ul	98
70) Atrazine	16.587	200	184982	18.840	ng/ul	99
71) Pentachlorophenol	16.781	266	137462	20.355	ng/ul	98
72) Phenanthrene	17.169	178	921691	19.204	ng/ul	100
74) Anthracene	17.257	178	947840	19.372	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.087	216	256361	17.312	ng/uL	98
76) Pentachlorobenzene	14.634	250	258394	17.561	ng/uL	97
77) Carbazole	17.563	167	856398	21.411	ng/ul	100
78) Di-n-butylphthalate	18.116	149	1006325	18.236	ng/ul	100
80) Fluoranthene	19.263	202	1146433	15.462	ng/ul	99
82) Pyrene	19.639	202	1211937	16.063	ng/ul	99
83) Butylbenzylphthalate	20.580	149	492143	15.656	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.480	252	419231	18.475	ng/ul	100
85) Benzo(a)anthracene	21.551	228	1279880	18.398	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.475	149	685639	15.156	ng/ul	98
87) Chrysene	21.622	228	1173248	18.150	ng/ul	100
89) Di-n-octyl phthalate	22.721	149	1227576	15.008	ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	1325004	17.634	ng/ul	99
91) Benzo(k)fluoranthene	23.921	252	1316678	17.558	ng/ul	99
93) Benzo(a)pyrene	24.745	252	1281695	18.050	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.686	276	1665574	18.203	ng/ul	99
95) Dibenzo(a,h)anthracene	28.762	278	1381317	18.231	ng/ul	98
96) Benzo(g,h,i)perylene	29.880	276	1352989	18.157	ng/ul	97

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

