

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020953.D
 Acq On : 13 Jul 2024 05:39
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020685

Quant Time: Jul 13 06:09:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 23:34:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	181327	20.000	ng/u1	0.00
20) Naphthalene-d8	10.487	136	763354	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.351	164	520540	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.157	188	1148303	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	1151944	20.000	ng/u1	0.00
88) Perylene-d12	24.939	264	1342841	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	33086	8.303	ng/uL	0.00
4) Pyridine-d5	3.670	84	239223	20.737	ng/u1	0.00
7) Phenol-d5	6.916	99	289136	19.559	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.064	67	174754	19.506	ng/u1	0.01
11) 2-Chlorophenol-d4	7.264	132	244579	20.080	ng/u1	0.01
15) 4-Methylphenol-d8	8.434	113	238436	19.420	ng/u1	0.01
21) Nitrobenzene-d5	8.869	128	118302	19.953	ng/u1	0.01
24) 2-Nitrophenol-d4	9.581	143	132998	19.598	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.122	165	246870	20.118	ng/u1	0.01
31) 4-Chloroaniline-d4	10.634	131	327773	20.163	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	742048	19.610	ng/u1	0.01
49) Acenaphthylene-d8	14.046	160	823717	19.386	ng/u1	0.01
54) 4-Nitrophenol-d4	14.604	143	105338	19.565	ng/u1	0.00
60) Fluorene-d10	15.357	176	618612	19.927	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	124602	17.934	ng/u1	0.02
73) Anthracene-d10	17.257	188	997024	19.549	ng/u1	0.00
81) Pyrene-d10	19.639	212	1219877	17.129	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.710	264	1285921	19.416	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	36322	8.288	ng/uL	97
5) Pyridine	3.687	79	243878	20.496	ng/u1	99
6) Benzaldehyde	6.881	77	173089	23.225	ng/u1	99
8) Phenol	6.946	94	293094	19.593	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.152	93	236537	19.141	ng/u1	99
12) 2-Chlorophenol	7.299	128	244340	20.016	ng/u1	98
13) 2-Methylphenol	8.169	108	226864	19.610	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	349055	19.551	ng/u1	98
16) Acetophenone	8.534	105	363415	19.178	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.511	70	186546	18.788	ng/u1	99
18) 4-Methylphenol	8.493	108	244055	19.691	ng/u1	96
19) Hexachloroethane	8.769	117	104336	19.020	ng/u1	98
22) Nitrobenzene	8.911	77	279326	19.667	ng/u1	100
23) Isophorone	9.434	82	535557	18.967	ng/u1	99
25) 2-Nitrophenol	9.610	139	138567	19.578	ng/u1	99
26) 2,4-Dimethylphenol	9.675	107	270884	19.409	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.899	93	320724	18.687	ng/u1	99
29) 2,4-Dichlorophenol	10.152	162	238684	19.737	ng/u1	98
30) Naphthalene	10.540	128	785505	19.563	ng/u1	100
32) 4-Chloroaniline	10.657	127	313076	20.168	ng/u1	99
33) Hexachlorobutadiene	10.799	225	171463	18.909	ng/u1	99
34) Caprolactam	11.457	113	79187m	21.256	ng/u1	
35) 4-Chloro-3-methylphenol	11.799	107	260485	19.816	ng/u1	98
36) 2-Methylnaphthalene	12.140	142	531223	19.273	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	550601	19.423	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.510	216	316261	18.708	ng/ul	98
40) Hexachlorocyclopentadiene	12.475	237	111558	12.615	ng/ul	99
41) 2,4,6-Trichlorophenol	12.769	196	198849	18.615	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	208679	18.464	ng/ul	100
43) 1,1'-Biphenyl	13.157	154	706937	18.583	ng/ul	99
44) 2-Chloronaphthalene	13.204	162	575617	18.954	ng/ul	99
45) 2-Nitroaniline	13.434	65	169459	20.177	ng/ul	98
47) Dimethylphthalate	13.804	163	743541	19.365	ng/ul	100
48) 2,6-Dinitrotoluene	13.928	165	154086	20.073	ng/ul	100
50) Acenaphthylene	14.075	152	915310	19.026	ng/ul	99
51) 3-Nitroaniline	14.275	138	144101	21.572	ng/ul	98
52) Acenaphthene	14.416	153	619679	19.407	ng/ul	98
53) 2,4-Dinitrophenol	14.504	184	56298	13.965	ng/ul	99
55) 4-Nitrophenol	14.622	109	84602	19.318	ng/ul	94
56) Dibenzofuran	14.757	168	863601	19.751	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	226505	21.495	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.993	232	187916	19.417	ng/ul	100
59) Diethylphthalate	15.193	149	749018	19.520	ng/ul	98
61) Fluorene	15.416	166	708701	19.862	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.410	204	369357	19.077	ng/ul	99
63) 4-Nitroaniline	15.463	138	141297	25.542	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.522	198	133902	18.174	ng/ul	96
67) N-Nitrosodiphenylamine	15.634	169	605716	18.114	ng/ul	99
68) 4-Bromophenyl-phenylether	16.328	248	243624	18.101	ng/ul	98
69) Hexachlorobenzene	16.434	284	281590	18.246	ng/ul	98
70) Atrazine	16.622	200	242289	19.881	ng/ul	99
71) Pentachlorophenol	16.804	266	128952	15.385	ng/ul	99
72) Phenanthrene	17.198	178	1153851	19.370	ng/ul	100
74) Anthracene	17.292	178	1188502	19.571	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.128	216	313671	17.067	ng/uL	98
76) Pentachlorobenzene	14.669	250	319272	17.482	ng/uL	98
77) Carbazole	17.592	167	1051892	21.189	ng/ul	99
78) Di-n-butylphthalate	18.157	149	1340526	19.572	ng/ul	100
80) Fluoranthene	19.292	202	1412953	16.429	ng/ul	100
82) Pyrene	19.669	202	1493581	17.066	ng/ul	98
83) Butylbenzylphthalate	20.622	149	640002	17.551	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.516	252	525082	19.948	ng/ul	100
85) Benzo(a)anthracene	21.592	228	1528076	18.937	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.504	149	935137	17.820	ng/ul	100
87) Chrysene	21.657	228	1459707	19.467	ng/ul	99
89) Di-n-octyl phthalate	22.774	149	1634426	18.425	ng/ul	100
90) Benzo(b)fluoranthene	23.886	252	1529128	18.765	ng/ul	99
91) Benzo(k)fluoranthene	23.951	252	1578305	19.407	ng/ul	100
93) Benzo(a)pyrene	24.786	252	1466348	19.042	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.727	276	1828623	18.428	ng/ul	99
95) Dibenzo(a,h)anthracene	28.786	278	1525745m	18.568	ng/ul	
96) Benzo(g,h,i)perylene	29.927	276	1503731m	18.607	ng/ul	

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

