

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
 Data File : BP021755.D
 Acq On : 30 Aug 2024 16:17
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020751

Quant Time: Aug 30 17:44:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 29 23:56:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/02/2024
 Supervised By :mohammad ahmed 09/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	291942	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1167507	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	741479	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.239	188	1577094	20.000	ng/u1	0.01
79) Chrysene-d12	21.698	240	1565183	20.000	ng/u1	0.03
88) Perylene-d12	25.115	264	1847615	20.000	ng/u1	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	72881	8.288	ng/uL	0.00
4) Pyridine-d5	3.687	84	523510	20.582	ng/u1	0.00
7) Phenol-d5	6.957	99	611538	19.628	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	329174	19.414	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	412206	20.493	ng/u1	0.00
15) 4-Methylphenol-d8	8.487	113	461471	19.168	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	196102	20.877	ng/u1	0.00
24) 2-Nitrophenol-d4	9.651	143	206998	21.710	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	385073	20.495	ng/u1	0.00
31) 4-Chloroaniline-d4	10.698	131	542272	19.838	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	1114412	19.642	ng/u1	-0.01
49) Acenaphthylene-d8	14.110	160	1293599	20.308	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.628	143	216695	20.075	ng/u1	0.00
60) Fluorene-d10	15.434	176	940596	19.719	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.551	200	158776	18.305	ng/u1	0.00
73) Anthracene-d10	17.339	188	1481174	19.789	ng/u1	0.00
81) Pyrene-d10	19.710	212	1801556	20.135	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.880	264	1975553	20.052	ng/u1	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	76938	8.232	ng/uL	98
5) Pyridine	3.705	79	517049	20.343	ng/u1	98
6) Benzaldehyde	6.928	77	388390	24.372	ng/u1	99
8) Phenol	6.987	94	643497	19.808	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.210	93	493445	19.541	ng/u1	97
12) 2-Chlorophenol	7.357	128	433221	20.520	ng/u1	99
13) 2-Methylphenol	8.228	108	449865	19.195	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.299	45	478883	19.648	ng/u1	98
16) Acetophenone	8.599	105	750729	19.450	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.587	70	339301	18.628	ng/u1	98
18) 4-Methylphenol	8.552	108	494512	19.273	ng/u1	97
19) Hexachloroethane	8.863	117	195625	20.723	ng/u1	93
22) Nitrobenzene	8.975	77	542283	20.704	ng/u1	97
23) Isophorone	9.504	82	996188	18.954	ng/u1	100
25) 2-Nitrophenol	9.681	139	227832	21.567	ng/u1	98
26) 2,4-Dimethylphenol	9.751	107	522373	20.147	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.981	93	651217	19.757	ng/u1	99
29) 2,4-Dichlorophenol	10.222	162	387215	20.509	ng/u1	98
30) Naphthalene	10.622	128	1351322	20.537	ng/u1	100
32) 4-Chloroaniline	10.728	127	550635	19.953	ng/u1	98
33) Hexachlorobutadiene	10.916	225	256571	20.253	ng/u1	99
34) Caprolactam	11.504	113	147907	18.526	ng/u1	98
35) 4-Chloro-3-methylphenol	11.863	107	505402	20.225	ng/u1	99
36) 2-Methylnaphthalene	12.234	142	881005	19.795	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	882683	19.718	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	477515	20.433	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	225760	16.836	ng/ul	100
41) 2,4,6-Trichlorophenol	12.845	196	308064	20.474	ng/ul	98
42) 2,4,5-Trichlorophenol	12.922	196	334011	20.558	ng/ul	98
43) 1,1'-Biphenyl	13.251	154	1140925	20.338	ng/ul	98
44) 2-Chloronaphthalene	13.292	162	898312	20.423	ng/ul	98
45) 2-Nitroaniline	13.492	65	293628	21.309	ng/ul	97
47) Dimethylphthalate	13.875	163	1126079	19.822	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	217758	20.784	ng/ul	96
50) Acenaphthylene	14.145	152	1400650	20.445	ng/ul	100
51) 3-Nitroaniline	14.322	138	244598	21.364	ng/ul	99
52) Acenaphthene	14.487	153	976970	20.279	ng/ul	99
53) 2,4-Dinitrophenol	14.534	184	105830	16.872	ng/ul	96
55) 4-Nitrophenol	14.645	109	201594	20.397	ng/ul	99
56) Dibenzofuran	14.834	168	1344298	20.169	ng/ul	100
57) 2,4-Dinitrotoluene	14.787	165	331182	21.035	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.057	232	283366	20.243	ng/ul	95
59) Diethylphthalate	15.263	149	1104067	19.353	ng/ul	99
61) Fluorene	15.492	166	1084404	20.115	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.486	204	534710	19.739	ng/ul	98
63) 4-Nitroaniline	15.504	138	256260	23.159	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.569	198	179928	18.544	ng/ul#	97
67) N-Nitrosodiphenylamine	15.704	169	936213	20.180	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	338159	19.423	ng/ul	99
69) Hexachlorobenzene	16.528	284	401342	19.418	ng/ul	99
70) Atrazine	16.686	200	342490	19.461	ng/ul	99
71) Pentachlorophenol	16.881	266	253254	19.145	ng/ul	98
72) Phenanthrene	17.280	178	1745883	20.164	ng/ul	99
74) Anthracene	17.375	178	1759415	20.058	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.216	216	481957	20.555	ng/ul	96
76) Pentachlorobenzene	14.751	250	481892	19.829	ng/ul	98
77) Carbazole	17.651	167	1644990	20.851	ng/ul	100
78) Di-n-butylphthalate	18.251	149	1935816	20.158	ng/ul	99
80) Fluoranthene	19.363	202	2091238	20.029	ng/ul	99
82) Pyrene	19.739	202	2239358	20.251	ng/ul	99
83) Butylbenzylphthalate	20.686	149	921579	20.355	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.592	252	770241	19.527	ng/ul	98
85) Benzo(a)anthracene	21.680	228	2246257	20.175	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.621	149	1323104	19.800	ng/ul	99
87) Chrysene	21.745	228	2115630	20.191	ng/ul	99
89) Di-n-octyl phthalate	22.927	149	2278578	19.483	ng/ul	100
90) Benzo(b)fluoranthene	24.027	252	2341592	20.255	ng/ul	98
91) Benzo(k)fluoranthene	24.104	252	2276000	20.110	ng/ul	98
93) Benzo(a)pyrene	24.951	252	2128095	19.981	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.998	276	2735103m	19.916	ng/ul	
95) Dibenzo(a,h)anthracene	29.074	278	2210154	20.028	ng/ul	99
96) Benzo(g,h,i)perylene	30.162	276	2143868	20.205	ng/ul	99

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

