

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080824\
 Data File : BP021468.D
 Acq On : 09 Aug 2024 12:23
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020738

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 23:32:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 08 18:23:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	169118	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	623545	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.251	164	439804	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	891122	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	931651	20.000	ng/u1	0.00
88) Perylene-d12	24.798	264	1067685	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	29821	8.024	ng/uL	0.00
4) Pyridine-d5	3.569	84	199358	18.529	ng/u1	-0.01
7) Phenol-d5	6.834	99	249438	18.091	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.952	67	162288	19.422	ng/u1	0.00
11) 2-Chlorophenol-d4	7.158	132	215241	18.947	ng/u1	0.00
15) 4-Methylphenol-d8	8.346	113	177106	15.466	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	101253	20.906	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.481	143	111762	20.162	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.052	165	191446	19.100	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	266253	20.051	ng/u1	0.00
46) Dimethylphthalate-d6	13.657	166	590896	18.482	ng/u1	0.00
49) Acenaphthylene-d8	13.940	160	669210	18.641	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	84909	18.666	ng/u1	0.02
60) Fluorene-d10	15.263	176	537737	20.502	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	96881	17.968	ng/u1	0.02
73) Anthracene-d10	17.175	188	833302	21.054	ng/u1	0.00
81) Pyrene-d10	19.557	212	904622	15.706	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.568	264	1040515	19.760	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.181	88	33225	8.129	ng/uL	96
5) Pyridine	3.593	79	204029	18.385	ng/u1	95
6) Benzaldehyde	6.793	77	166993	24.024	ng/u1	95
8) Phenol	6.858	94	259750	18.618	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.040	93	214686	18.627	ng/u1	95
12) 2-Chlorophenol	7.187	128	214893	18.874	ng/u1	96
13) 2-Methylphenol	8.075	108	188357	17.457	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.116	45	298557	17.930	ng/u1#	93
16) Acetophenone	8.428	105	337234	19.081	ng/u1#	86
17) N-Nitroso-di-n-propyla...	8.399	70	157769	17.037	ng/u1	97
18) 4-Methylphenol	8.416	108	210196	18.184	ng/u1	96
19) Hexachloroethane	8.640	117	94950	18.558	ng/u1	94
22) Nitrobenzene	8.805	77	260697	22.471	ng/u1	97
23) Isophorone	9.322	82	479276	20.780	ng/u1	98
25) 2-Nitrophenol	9.516	139	117463	20.318	ng/u1	99
26) 2,4-Dimethylphenol	9.581	107	240272	21.076	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.793	93	291293	20.778	ng/u1	99
29) 2,4-Dichlorophenol	10.081	162	175635	17.780	ng/u1	98
30) Naphthalene	10.416	128	645050	19.667	ng/u1	99
32) 4-Chloroaniline	10.569	127	272933	21.525	ng/u1	100
33) Hexachlorobutadiene	10.663	225	154542	20.864	ng/u1	98
34) Caprolactam	11.410	113	62983m	20.697	ng/u1	
35) 4-Chloro-3-methylphenol	11.734	107	227187	21.158	ng/u1	97
36) 2-Methylnaphthalene	12.040	142	469601	20.858	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	494202	21.343	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.416	216	275956	19.321	ng/ul	99
40) Hexachlorocyclopentadiene	12.363	237	179227	23.987	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	165743m	18.365	ng/ul	
42) 2,4,5-Trichlorophenol	12.810	196	169358	17.736	ng/ul	98
43) 1,1'-Biphenyl	13.075	154	632321	19.673	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	503068	19.606	ng/ul	98
45) 2-Nitroaniline	13.369	65	148991	20.997	ng/ul	85
47) Dimethylphthalate	13.704	163	566658	17.468	ng/ul	98
48) 2,6-Dinitrotoluene	13.875	165	115152	17.755	ng/ul	94
50) Acenaphthylene	13.969	152	761275	18.729	ng/ul	99
51) 3-Nitroaniline	14.234	138	114989	20.374	ng/ul#	99
52) Acenaphthene	14.316	153	537289	19.916	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	60916	17.885	ng/ul	95
55) 4-Nitrophenol	14.610	109	64991m	17.564	ng/ul	
56) Dibenzofuran	14.663	168	751967	20.355	ng/ul	95
57) 2,4-Dinitrotoluene	14.698	165	189303	21.262	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.928	232	157168	19.221	ng/ul	96
59) Diethylphthalate	15.098	149	643343	19.844	ng/ul	99
61) Fluorene	15.328	166	613716	20.358	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	323858	19.797	ng/ul	100
63) 4-Nitroaniline	15.434	138	109935	23.521	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.481	198	99993	17.488	ng/ul#	98
67) N-Nitrosodiphenylamine	15.545	169	518731	19.990	ng/ul	98
68) 4-Bromophenyl-phenylether	16.234	248	198108	18.967	ng/ul	98
69) Hexachlorobenzene	16.345	284	237269	19.812	ng/ul	98
70) Atrazine	16.545	200	191802	20.281	ng/ul	99
71) Pentachlorophenol	16.751	266	128466	19.750	ng/ul	94
72) Phenanthrene	17.110	178	972697	21.041	ng/ul	99
74) Anthracene	17.216	178	983331	20.865	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	272004	19.071	ng/uL	98
76) Pentachlorobenzene	14.581	250	282474	19.931	ng/uL	99
77) Carbazole	17.516	167	850811	22.084	ng/ul	99
78) Di-n-butylphthalate	18.069	149	1079372	20.307	ng/ul	99
80) Fluoranthene	19.210	202	1088749	15.652	ng/ul	99
82) Pyrene	19.592	202	1137974	16.077	ng/ul	98
83) Butylbenzylphthalate	20.527	149	494735	16.776	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.427	252	374009	17.568	ng/ul	100
85) Benzo(a)anthracene	21.486	228	1243145	19.048	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.380	149	711717	16.770	ng/ul	99
87) Chrysene	21.563	228	1198188	19.758	ng/ul	100
89) Di-n-octyl phthalate	22.621	149	1210389	17.161	ng/ul	100
90) Benzo(b)fluoranthene	23.745	252	1152250	17.784	ng/ul	99
91) Benzo(k)fluoranthene	23.815	252	1221049	18.884	ng/ul	99
93) Benzo(a)pyrene	24.645	252	1189010	19.420	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.539	276	1422538	18.030	ng/ul	97
95) Dibenzo(a,h)anthracene	28.580	278	1183828m	18.120	ng/ul	
96) Benzo(g,h,i)perylene	29.721	276	1197094m	18.630	ng/ul	

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

