

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
 Data File : BP021900.D
 Acq On : 13 Sep 2024 09:01
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020765

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2024
 Supervised By :mohammad ahmed 09/16/2024

Quant Time: Sep 13 10:53:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 12 12:48:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	76119	20.000	ng/u1	0.03
20) Naphthalene-d8	10.528	136	459520	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.369	164	368959	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	907125	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	1026354	20.000	ng/u1	-0.01
88) Perylene-d12	24.915	264	1248960	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	19827	8.426	ng/uL	0.01
4) Pyridine-d5	3.681	84	106039	15.305	ng/u1	0.02
7) Phenol-d5	6.934	99	112703	17.328	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.093	67	66841	17.694	ng/u1	0.02
11) 2-Chlorophenol-d4	7.299	132	95400	21.071	ng/u1	0.02
15) 4-Methylphenol-d8	8.457	113	95864	18.461	ng/u1	0.03
21) Nitrobenzene-d5	8.899	128	46369	16.202	ng/u1	0.02
24) 2-Nitrophenol-d4	9.616	143	52143	16.027	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.152	165	115376	16.014	ng/u1	0.02
31) 4-Chloroaniline-d4	10.657	131	207371	19.750	ng/u1	0.02
46) Dimethylphthalate-d6	13.775	166	534675	19.289	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	589330	19.382	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	98390	18.777	ng/u1	0.00
60) Fluorene-d10	15.375	176	485080	18.411	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.498	200	89021	17.153	ng/u1	0.00
73) Anthracene-d10	17.263	188	827102	19.629	ng/u1	0.00
81) Pyrene-d10	19.616	212	1079614	19.012	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.680	264	1282151	19.726	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	20519	8.115	ng/uL	93
5) Pyridine	3.705	79	106867	15.427	ng/u1	97
6) Benzaldehyde	6.911	77	77733	22.852	ng/u1	99
8) Phenol	6.963	94	117309	17.387	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.187	93	90608	17.892	ng/u1	95
12) 2-Chlorophenol	7.328	128	100026	21.479	ng/u1	97
13) 2-Methylphenol	8.193	108	88350	18.518	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.269	45	98371	17.873	ng/u1	98
16) Acetophenone	8.569	105	161527	19.288	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.552	70	77866	19.450	ng/u1	95
18) 4-Methylphenol	8.522	108	100804	18.835	ng/u1	99
19) Hexachloroethane	8.828	117	44579	20.181	ng/u1	97
22) Nitrobenzene	8.946	77	123850	16.154	ng/u1	99
23) Isophorone	9.469	82	224099	15.675	ng/u1	99
25) 2-Nitrophenol	9.652	139	59665	16.571	ng/u1	97
26) 2,4-Dimethylphenol	9.710	107	124790	16.306	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.940	93	133639	15.267	ng/u1	99
29) 2,4-Dichlorophenol	10.181	162	117097	15.886	ng/u1	97
30) Naphthalene	10.581	128	481814	19.694	ng/u1	99
32) 4-Chloroaniline	10.687	127	204989	19.830	ng/u1	98
33) Hexachlorobutadiene	10.869	225	115186	19.621	ng/u1	97
34) Caprolactam	11.457	113	48257m	18.888	ng/u1	
35) 4-Chloro-3-methylphenol	11.810	107	166489	19.980	ng/u1	96
36) 2-Methylnaphthalene	12.193	142	356251	19.845	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.404	142	363512	19.870	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.557	216	225443	17.945	ng/ul	100
40) Hexachlorocyclopentadiene	12.540	237	126221	17.749	ng/ul	96
41) 2,4,6-Trichlorophenol	12.793	196	140903	18.245	ng/ul	100
42) 2,4,5-Trichlorophenol	12.869	196	154536	18.155	ng/ul	100
43) 1,1'-Biphenyl	13.198	154	502238	18.583	ng/ul	99
44) 2-Chloronaphthalene	13.240	162	401684	18.397	ng/ul	97
45) 2-Nitroaniline	13.440	65	113845	19.625	ng/ul	96
47) Dimethylphthalate	13.822	163	544536	19.389	ng/ul	99
48) 2,6-Dinitrotoluene	13.940	165	101543	19.458	ng/ul	97
50) Acenaphthylene	14.087	152	627275	19.414	ng/ul	99
51) 3-Nitroaniline	14.269	138	104938	19.841	ng/ul	93
52) Acenaphthene	14.440	153	454620	19.616	ng/ul	99
53) 2,4-Dinitrophenol	14.481	184	55389	16.790	ng/ul	93
55) 4-Nitrophenol	14.587	109	94338	20.054	ng/ul	95
56) Dibenzofuran	14.775	168	671753	19.795	ng/ul	98
57) 2,4-Dinitrotoluene	14.734	165	166637	20.368	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.004	232	144931	19.769	ng/ul	99
59) Diethylphthalate	15.204	149	552491	19.595	ng/ul	99
61) Fluorene	15.434	166	554395	18.631	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.434	204	282307	18.219	ng/ul	97
63) 4-Nitroaniline	15.451	138	117692	20.059	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.510	198	99420	17.347	ng/ul#	94
67) N-Nitrosodiphenylamine	15.639	169	484872	19.379	ng/ul	98
68) 4-Bromophenyl-phenylether	16.334	248	185375	19.594	ng/ul	98
69) Hexachlorobenzene	16.451	284	217760	19.176	ng/ul	97
70) Atrazine	16.616	200	196598	20.023	ng/ul	98
71) Pentachlorophenol	16.804	266	133024	17.940	ng/ul	98
72) Phenanthrene	17.204	178	970887	19.757	ng/ul	100
74) Anthracene	17.298	178	970214	19.534	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	229248	18.058	ng/uL	98
76) Pentachlorobenzene	14.698	250	246875	19.435	ng/uL	99
77) Carbazole	17.569	167	896426	20.154	ng/ul	99
78) Di-n-butylphthalate	18.163	149	977780	19.998	ng/ul	100
80) Fluoranthene	19.275	202	1244139	19.023	ng/ul	99
82) Pyrene	19.651	202	1360596	19.169	ng/ul	99
83) Butylbenzylphthalate	20.598	149	489988	20.078	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.480	252	460066	20.004	ng/ul	99
85) Benzo(a)anthracene	21.557	228	1450246	20.004	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.504	149	702321	19.921	ng/ul	100
87) Chrysene	21.633	228	1364251	19.675	ng/ul	99
89) Di-n-octyl phthalate	22.774	149	1178115	17.689	ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	1527476	19.694	ng/ul	100
91) Benzo(k)fluoranthene	23.921	252	1466737	19.141	ng/ul	98
93) Benzo(a)pyrene	24.757	252	1442097m	20.143	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.674	276	1778441	19.770	ng/ul	99
95) Dibenzo(a,h)anthracene	28.751	278	1431706m	19.757	ng/ul	
96) Benzo(g,h,i)perylene	29.856	276	1395840	19.621	ng/ul	99

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

