

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014977.D
 Acq On : 05 May 2023 11:28
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020698

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/08/2023
 Supervised By : Jagrut Upadhyay 05/08/2023

Quant Time: May 05 22:35:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	289003	20.000	ng/u1	0.00
20) Naphthalene-d8	10.998	136	1283433	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	829570	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.569	188	1812387	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1556726	20.000	ng/u1	0.00
88) Perylene-d12	24.251	264	1372349	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	52116	6.705	ng/uL	0.00
4) Pyridine-d5	3.899	84	358256	16.863	ng/u1	0.00
7) Phenol-d5	7.310	99	445820	17.793	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	265630	17.152	ng/u1	0.00
11) 2-Chlorophenol-d4	7.687	132	337583	18.323	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	355679	18.421	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	175366	19.212	ng/u1	0.00
24) 2-Nitrophenol-d4	10.075	143	195384	20.845	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.616	165	350820	19.062	ng/u1	0.00
31) 4-Chloroaniline-d4	11.134	131	521388	19.586	ng/u1	0.00
46) Dimethylphthalate-d6	14.210	166	1074668	18.304	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	1234527	17.532	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	205173	20.087	ng/u1	0.00
60) Fluorene-d10	15.804	176	919866	18.211	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.922	200	188329	18.459	ng/u1	0.00
73) Anthracene-d10	17.663	188	1436920	17.645	ng/u1	0.00
81) Pyrene-d10	19.880	212	1614068	15.373	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	1188729	17.778	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.499	88	56974	6.766	ng/uL	96
5) Pyridine	3.917	79	379232	17.147	ng/u1	97
6) Benzaldehyde	7.293	77	151225	22.075	ng/u1	98
8) Phenol	7.340	94	464357	17.652	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.575	93	378914	17.330	ng/u1	98
12) 2-Chlorophenol	7.722	128	356944	17.884	ng/u1	99
13) 2-Methylphenol	8.610	108	356753	18.188	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.699	45	471680	17.007	ng/u1	99
16) Acetophenone	8.999	105	590254	18.696	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.981	70	303127	18.839	ng/u1	99
18) 4-Methylphenol	8.940	108	392484	18.100	ng/u1	100
19) Hexachloroethane	9.263	117	150735	17.407	ng/u1	99
22) Nitrobenzene	9.387	77	431404	17.987	ng/u1	97
23) Isophorone	9.916	82	883338	18.636	ng/u1	100
25) 2-Nitrophenol	10.104	139	211020	19.576	ng/u1	100
26) 2,4-Dimethylphenol	10.157	107	424318	18.138	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.399	93	534531	17.640	ng/u1	100
29) 2,4-Dichlorophenol	10.640	162	354024	18.598	ng/u1	97
30) Naphthalene	11.051	128	1202373	17.043	ng/u1	100
32) 4-Chloroaniline	11.157	127	541509	19.494	ng/u1	100
33) Hexachlorobutadiene	11.334	225	217392	17.699	ng/u1	99
34) Caprolactam	11.928	113	131793	22.473	ng/u1	95
35) 4-Chloro-3-methylphenol	12.269	107	396762	20.275	ng/u1	99
36) 2-Methylnaphthalene	12.651	142	802264	18.389	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.863	142	817927	18.188	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.010	216	428964	16.577	ng/ul	99
40) Hexachlorocyclopentadiene	12.987	237	367811	21.080	ng/ul	100
41) 2,4,6-Trichlorophenol	13.245	196	296591	18.601	ng/ul	100
42) 2,4,5-Trichlorophenol	13.322	196	318154	18.513	ng/ul	97
43) 1,1'-Biphenyl	13.645	154	1102156	16.618	ng/ul	100
44) 2-Chloronaphthalene	13.692	162	864637	16.736	ng/ul	99
45) 2-Nitroaniline	13.892	65	254681	21.170	ng/ul	98
47) Dimethylphthalate	14.257	163	1121848	18.172	ng/ul	100
48) 2,6-Dinitrotoluene	14.381	165	229176	21.007	ng/ul	100
50) Acenaphthylene	14.534	152	1379829	17.284	ng/ul	99
51) 3-Nitroaniline	14.710	138	186655	18.909	ng/ul	96
52) Acenaphthene	14.875	153	945855	17.122	ng/ul	98
53) 2,4-Dinitrophenol	14.922	184	131674	19.831	ng/ul	94
55) 4-Nitrophenol	15.010	109	155086	19.947	ng/ul	99
56) Dibenzofuran	15.204	168	1304492	17.500	ng/ul	98
57) 2,4-Dinitrotoluene	15.169	165	332530	21.762	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.434	232	283773	20.290	ng/ul	92
59) Diethylphthalate	15.616	149	1124488	19.277	ng/ul	99
61) Fluorene	15.857	166	1070475	18.205	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.845	204	519712	18.061	ng/ul	98
63) 4-Nitroaniline	15.875	138	173719m	21.085	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.934	198	197359	18.237	ng/ul	99
67) N-Nitrosodiphenylamine	16.057	169	925173	16.819	ng/ul	99
68) 4-Bromophenyl-phenylether	16.745	248	325247	17.251	ng/ul	98
69) Hexachlorobenzene	16.869	284	384991	17.335	ng/ul	95
70) Atrazine	17.010	200	348453	18.825	ng/ul	100
71) Pentachlorophenol	17.210	266	238386	18.388	ng/ul	98
72) Phenanthrene	17.610	178	1706114	17.040	ng/ul	100
74) Anthracene	17.698	178	1737204	17.427	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.616	216	442839	14.760	ng/uL	98
76) Pentachlorobenzene	15.128	250	449032	15.732	ng/uL	99
77) Carbazole	17.963	167	1570339	18.729	ng/ul	100
78) Di-n-butylphthalate	18.492	149	1975961	21.075	ng/ul	99
80) Fluoranthene	19.557	202	1993989	15.477	ng/ul	99
82) Pyrene	19.910	202	2061897	15.106	ng/ul	98
83) Butylbenzylphthalate	20.763	149	895725	21.857	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.551	252	588233	22.451	ng/ul	98
85) Benzo(a)anthracene	21.633	228	1870015	17.997	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1294883	25.112	ng/ul#	99
87) Chrysene	21.686	228	1752238	16.748	ng/ul	100
89) Di-n-octyl phthalate	22.516	149	2116588	26.415	ng/ul	100
90) Benzo(b)fluoranthene	23.445	252	1623818	18.308	ng/ul	99
91) Benzo(k)fluoranthene	23.498	252	1625026	18.003	ng/ul	98
93) Benzo(a)pyrene	24.127	252	1332822	17.135	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.004	276	1423828	15.006	ng/ul	98
95) Dibenzo(a,h)anthracene	27.027	278	1180154	15.176	ng/ul	98
96) Benzo(g,h,i)perylene	27.856	276	1178127	14.589	ng/ul	99

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

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