

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060723\  
 Data File : BP015390.D  
 Acq On : 07 Jun 2023 10:09  
 Operator : MA/JU  
 Sample : SSTD01084  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTD010626

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/08/2023  
 Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 07 23:25:53 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\SFAM-EPA-BP060723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jun 07 13:01:04 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.105	152	148411	20.000	ng/u1	0.00	
20) Naphthalene-d8	10.928	136	673453	20.000	ng/u1	0.00	
38) Acenaphthene-d10	14.745	164	472967	20.000	ng/u1	0.00	
64) Phenanthrene-d10	17.504	188	1099133	20.000	ng/u1	0.00	
79) Chrysene-d12	21.580	240	1138603	20.000	ng/u1	0.00	
88) Perylene-d12	24.139	264	1326715	20.000	ng/u1	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.411	96	16693	4.220	ng/uL	0.00	
4) Pyridine-d5	3.858	84	93624	8.993	ng/u1	0.00	
7) Phenol-d5	7.258	99	127576	9.331	ng/u1	0.00	
9) Bis-(2-Chloroethyl)eth...	7.422	67	81169	9.940	ng/u1	0.00	
11) 2-Chlorophenol-d4	7.628	132	97552	9.841	ng/u1	0.00	
15) 4-Methylphenol-d8	8.816	113	106706	9.509	ng/u1	0.00	
21) Nitrobenzene-d5	9.281	128	49619	9.385	ng/u1	0.00	
24) 2-Nitrophenol-d4	10.004	143	56488	9.355	ng/u1	0.00	
28) 2,4-Dichlorophenol-d3	10.552	165	106131	9.636	ng/u1	0.00	
31) 4-Chloroaniline-d4	11.069	131	160243	10.136	ng/u1	0.00	
46) Dimethylphthalate-d6	14.145	166	370369	9.930	ng/u1	0.00	
49) Acenaphthylene-d8	14.440	160	406250	9.962	ng/u1	0.00	
54) 4-Nitrophenol-d4	14.945	143	57152m	8.641	ng/u1	0.00	
60) Fluorene-d10	15.739	176	316004	10.048	ng/u1	0.00	
65) 4,6-Dinitro-2-methylph...	15.863	200	60617	8.705	ng/u1	0.00	
73) Anthracene-d10	17.598	188	502075	10.040	ng/u1	0.00	
81) Pyrene-d10	19.822	212	605777	9.941	ng/u1	0.00	
92) Benzo(a)pyrene-d12	23.968	264	659809	9.912	ng/u1	0.00	
Target Compounds							
2) 1,4-Dioxane	3.452	88	17059	4.096	ng/uL	99	
5) Pyridine	3.881	79	98886	9.162	ng/u1	92	
6) Benzaldehyde	7.234	77	35555	6.952	ng/u1	93	
8) Phenol	7.281	94	133938	9.495	ng/u1	98	
10) Bis(2-Chloroethyl)ether	7.516	93	111490	9.997	ng/u1	95	
12) 2-Chlorophenol	7.658	128	103987	9.928	ng/u1	96	
13) 2-Methylphenol	8.552	108	102525	9.447	ng/u1	100	
14) 2,2'-oxybis(1-Chloropr...	8.634	45	149437	10.111	ng/u1	99	
16) Acetophenone	8.934	105	181649	10.143	ng/u1	99	
17) N-Nitroso-di-n-propyla...	8.916	70	97311	10.068	ng/u1	99	
18) 4-Methylphenol	8.881	108	115033	9.633	ng/u1	99	
19) Hexachloroethane	9.193	117	44204	9.988	ng/u1	96	
22) Nitrobenzene	9.322	77	137704	9.821	ng/u1	99	
23) Isophorone	9.846	82	278402	9.919	ng/u1	99	
25) 2-Nitrophenol	10.040	139	63062	9.673	ng/u1	99	
26) 2,4-Dimethylphenol	10.093	107	137328	9.933	ng/u1	98	
27) Bis(2-Chloroethoxy)met...	10.328	93	164070	10.054	ng/u1	99	
29) 2,4-Dichlorophenol	10.575	162	107895	9.852	ng/u1	97	
30) Naphthalene	10.981	128	365268	10.009	ng/u1	100	
32) 4-Chloroaniline	11.099	127	164175	10.036	ng/u1	99	
33) Hexachlorobutadiene	11.257	225	73315	9.927	ng/u1	96	
34) Caprolactam	11.863	113	38860m	9.464	ng/u1		
35) 4-Chloro-3-methylphenol	12.210	107	129736	9.778	ng/u1	99	
36) 2-Methylnaphthalene	12.581	142	257828	10.050	ng/u1	99	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.798	142	262878	10.177	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.945	216	144751	9.828	ng/ul	99
40) Hexachlorocyclopentadiene	12.916	237	33519	5.552	ng/ul	98
41) 2,4,6-Trichlorophenol	13.187	196	95044	9.696	ng/ul	97
42) 2,4,5-Trichlorophenol	13.257	196	104461	9.779	ng/ul	97
43) 1,1'-Biphenyl	13.581	154	366831	10.029	ng/ul	100
44) 2-Chloronaphthalene	13.628	162	286097	9.970	ng/ul	98
45) 2-Nitroaniline	13.834	65	86223	9.388	ng/ul	100
47) Dimethylphthalate	14.192	163	386363	10.033	ng/ul	100
48) 2,6-Dinitrotoluene	14.322	165	75527	9.573	ng/ul	99
50) Acenaphthylene	14.469	152	453479	10.041	ng/ul	100
51) 3-Nitroaniline	14.657	138	49374	7.581	ng/ul	99
52) Acenaphthene	14.810	153	314008	10.058	ng/ul	99
53) 2,4-Dinitrophenol	14.875	184	29454	6.206	ng/ul	95
55) 4-Nitrophenol	14.957	109	54004	8.383	ng/ul	99
56) Dibenzofuran	15.145	168	449672	10.163	ng/ul	98
57) 2,4-Dinitrotoluene	15.110	165	114261	9.847	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.369	232	93977	9.744	ng/ul	97
59) Diethylphthalate	15.551	149	394964	10.008	ng/ul	99
61) Fluorene	15.792	166	368943	10.229	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.781	204	184463	10.147	ng/ul	98
63) 4-Nitroaniline	15.816	138	44312m	7.224	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.875	198	62656	8.823	ng/ul#	95
67) N-Nitrosodiphenylamine	15.998	169	317084	10.169	ng/ul	100
68) 4-Bromophenyl-phenylether	16.681	248	117905	10.027	ng/ul	98
69) Hexachlorobenzene	16.798	284	138431	9.980	ng/ul	96
70) Atrazine	16.945	200	122442	9.833	ng/ul	97
71) Pentachlorophenol	17.151	266	63697	8.173	ng/ul	96
72) Phenanthrene	17.545	178	596519	10.113	ng/ul	100
74) Anthracene	17.633	178	610270	10.197	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	149462	9.853	ng/uL	98
76) Pentachlorobenzene	15.063	250	159220	10.025	ng/uL	98
77) Carbazole	17.904	167	555309	10.305	ng/ul	99
78) Di-n-butylphthalate	18.433	149	683733	10.000	ng/ul	99
80) Fluoranthene	19.498	202	737811	9.939	ng/ul	98
82) Pyrene	19.851	202	768700	10.009	ng/ul	99
83) Butylbenzylphthalate	20.704	149	326841	9.629	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.492	252	249449	9.273	ng/ul	100
85) Benzo(a)anthracene	21.563	228	796488	10.006	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	487873	9.724	ng/ul	99
87) Chrysene	21.622	228	752024	9.995	ng/ul	99
89) Di-n-octyl phthalate	22.433	149	866622	9.939	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	865219	10.103	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	830497	10.032	ng/ul	99
93) Benzo(a)pyrene	24.021	252	749466	10.038	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.833	276	939340	9.721	ng/ul	99
95) Dibenzo(a,h)anthracene	26.857	278	762401	9.684	ng/ul	99
96) Benzo(g,h,i)perylene	27.674	276	784444	9.851	ng/ul	99

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

