

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060823\
 Data File : BP015446.D
 Acq On : 08 Jun 2023 22:13
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020741

Quant Time: Jun 09 02:12:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 07 23:46:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/09/2023
 Supervised By :Sohil Jodhani 06/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	158972	20.000	ng/u1	0.00
20) Naphthalene-d8	10.922	136	729360	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.739	164	496790	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.492	188	1139072	20.000	ng/u1	-0.01
79) Chrysene-d12	21.574	240	1092373	20.000	ng/u1	-0.01
88) Perylene-d12	24.127	264	1196747	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	35929	8.369	ng/uL	0.00
4) Pyridine-d5	3.846	84	240608	21.577	ng/u1	0.00
7) Phenol-d5	7.246	99	303191	20.702	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.416	67	187883	21.481	ng/u1	0.00
11) 2-Chlorophenol-d4	7.622	132	230258	21.685	ng/u1	0.00
15) 4-Methylphenol-d8	8.810	113	254134	21.143	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	123007	21.481	ng/u1	0.00
24) 2-Nitrophenol-d4	9.998	143	141695	21.668	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	260418	21.831	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.063	131	363706	21.242	ng/u1	0.00
46) Dimethylphthalate-d6	14.145	166	827946	21.135	ng/u1	0.00
49) Acenaphthylene-d8	14.434	160	928188	21.668	ng/u1	0.00
54) 4-Nitrophenol-d4	14.939	143	135404	19.301	ng/u1	0.00
60) Fluorene-d10	15.728	176	703655	21.300	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.857	200	143982	19.953	ng/u1	0.00
73) Anthracene-d10	17.592	188	1111274	21.442	ng/u1	0.00
81) Pyrene-d10	19.816	212	1315568	22.502	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	1276040	21.250	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.446	88	36222	7.988	ng/uL	88
5) Pyridine	3.869	79	251814	21.782	ng/u1	99
6) Benzaldehyde	7.228	77	115120	20.565	ng/u1	98
8) Phenol	7.275	94	314493	20.814	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.510	93	254730	21.323	ng/u1	99
12) 2-Chlorophenol	7.652	128	243049	21.664	ng/u1	99
13) 2-Methylphenol	8.540	108	244481	21.030	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.622	45	347503m	21.951	ng/u1	
16) Acetophenone	8.928	105	422777	22.040	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.910	70	224033	21.639	ng/u1	98
18) 4-Methylphenol	8.875	108	271430	21.221	ng/u1	98
19) Hexachloroethane	9.187	117	103020	21.730	ng/u1	95
22) Nitrobenzene	9.316	77	328538	21.635	ng/u1	98
23) Isophorone	9.845	82	645763	21.243	ng/u1	99
25) 2-Nitrophenol	10.034	139	154950	21.946	ng/u1	96
26) 2,4-Dimethylphenol	10.087	107	319761	21.356	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.322	93	372410	21.072	ng/u1	100
29) 2,4-Dichlorophenol	10.569	162	263352	22.204	ng/u1	99
30) Naphthalene	10.975	128	835338	21.136	ng/u1	99
32) 4-Chloroaniline	11.087	127	382055	21.565	ng/u1	96
33) Hexachlorobutadiene	11.251	225	175503	21.942	ng/u1	96
34) Caprolactam	11.863	113	91095	20.403	ng/u1	99
35) 4-Chloro-3-methylphenol	12.204	107	311510	21.678	ng/u1	99
36) 2-Methylnaphthalene	12.575	142	590393	21.249	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.792	142	594034	21.235	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.939	216	336136	21.729	ng/ul	99
40) Hexachlorocyclopentadiene	12.910	237	152962	24.122	ng/ul	96
41) 2,4,6-Trichlorophenol	13.181	196	230576	22.395	ng/ul	97
42) 2,4,5-Trichlorophenol	13.251	196	245772	21.905	ng/ul	99
43) 1,1'-Biphenyl	13.575	154	821032	21.371	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	648274	21.507	ng/ul	99
45) 2-Nitroaniline	13.828	65	213945	22.177	ng/ul	97
47) Dimethylphthalate	14.192	163	859471	21.249	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	179876	21.706	ng/ul	98
50) Acenaphthylene	14.463	152	1012978	21.354	ng/ul	99
51) 3-Nitroaniline	14.651	138	140500	20.538	ng/ul	99
52) Acenaphthene	14.804	153	699057	21.319	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	87166	17.486	ng/ul	94
55) 4-Nitrophenol	14.957	109	135117	19.968	ng/ul	93
56) Dibenzofuran	15.139	168	985409	21.203	ng/ul	99
57) 2,4-Dinitrotoluene	15.104	165	261707	21.472	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.363	232	219239	21.642	ng/ul#	99
59) Diethylphthalate	15.545	149	885070	21.350	ng/ul	99
61) Fluorene	15.786	166	802805	21.190	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.775	204	404855	21.203	ng/ul	99
63) 4-Nitroaniline	15.810	138	124458	19.180	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.869	198	146906	19.961	ng/ul#	88
67) N-Nitrosodiphenylamine	15.992	169	694082	21.478	ng/ul	100
68) 4-Bromophenyl-phenylether	16.675	248	265609	21.796	ng/ul	98
69) Hexachlorobenzene	16.792	284	312115	21.713	ng/ul	95
70) Atrazine	16.945	200	280615	21.746	ng/ul	98
71) Pentachlorophenol	17.145	266	177106	21.798	ng/ul	99
72) Phenanthrene	17.539	178	1311450	21.454	ng/ul	100
74) Anthracene	17.627	178	1337068	21.558	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.539	216	350461	22.293	ng/uL	100
76) Pentachlorobenzene	15.057	250	360810	21.921	ng/uL	99
77) Carbazole	17.898	167	1200408	21.495	ng/ul	99
78) Di-n-butylphthalate	18.427	149	1560225	22.020	ng/ul	100
80) Fluoranthene	19.492	202	1614538	22.671	ng/ul	98
82) Pyrene	19.845	202	1666082	22.613	ng/ul	99
83) Butylbenzylphthalate	20.698	149	762118	23.403	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	525802	20.374	ng/ul	100
85) Benzo(a)anthracene	21.563	228	1650960	21.619	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	1138372	23.650	ng/ul	99
87) Chrysene	21.615	228	1558336	21.589	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	1972526	25.079	ng/ul	100
90) Benzo(b)fluoranthene	23.339	252	1714762	22.198	ng/ul	99
91) Benzo(k)fluoranthene	23.392	252	1592874	21.331	ng/ul	100
93) Benzo(a)pyrene	24.015	252	1421565	21.107	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.827	276	1670538	19.166	ng/ul	100
95) Dibenzo(a,h)anthracene	26.845	278	1389576	19.568	ng/ul	100
96) Benzo(g,h,i)perylene	27.662	276	1335933	18.598	ng/ul	99

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

