

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071423\
 Data File : BP016243.D
 Acq On : 15 Jul 2023 01:21
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020661

Quant Time: Jul 15 03:09:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 14 23:53:26 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	162707	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	781985	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	510245	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	1157125	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	1236372	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1400577	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	36309	7.897	ng/uL	0.00
4) Pyridine-d5	3.734	84	231080	20.151	ng/u1	0.00
7) Phenol-d5	7.146	99	301501	20.515	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	198134	19.938	ng/u1	0.00
11) 2-Chlorophenol-d4	7.487	132	235416	22.190	ng/u1	0.00
15) 4-Methylphenol-d8	8.699	113	246672	20.836	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	116721	21.636	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	132205	21.501	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	241918	22.720	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.951	131	339948	19.919	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	782835	20.113	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	918083	21.523	ng/u1	0.00
54) 4-Nitrophenol-d4	14.928	143	138368m	17.419	ng/u1	0.00
60) Fluorene-d10	15.604	176	680522	20.892	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	107031	16.023	ng/u1	0.00
73) Anthracene-d10	17.475	188	1092669	21.588	ng/u1	0.00
81) Pyrene-d10	19.710	212	1358597	21.177	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.792	264	1463783	21.763	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	39229	7.778	ng/uL#	94
5) Pyridine	3.758	79	236596	20.143	ng/u1	97
6) Benzaldehyde	7.116	77	202897	22.110	ng/u1	94
8) Phenol	7.175	94	324006	20.567	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.381	93	259731	20.272	ng/u1	95
12) 2-Chlorophenol	7.522	128	244579	22.220	ng/u1	96
13) 2-Methylphenol	8.428	108	246497	20.788	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.481	45	433476	20.847	ng/u1	99
16) Acetophenone	8.804	105	411874	21.097	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.775	70	229022	21.882	ng/u1	96
18) 4-Methylphenol	8.769	108	276090	21.292	ng/u1	98
19) Hexachloroethane	9.016	117	104820	20.888	ng/u1	96
22) Nitrobenzene	9.193	77	329858	21.044	ng/u1	99
23) Isophorone	9.704	82	642316	20.673	ng/u1	99
25) 2-Nitrophenol	9.910	139	140654	21.291	ng/u1	97
26) 2,4-Dimethylphenol	9.969	107	305051	20.998	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.193	93	381215	21.071	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	245754	22.446	ng/u1	96
30) Naphthalene	10.822	128	862186	21.010	ng/u1	99
32) 4-Chloroaniline	10.975	127	349314	20.579	ng/u1	99
33) Hexachlorobutadiene	11.081	225	154247	20.743	ng/u1	99
34) Caprolactam	11.787	113	85213m	21.499	ng/u1	
35) 4-Chloro-3-methylphenol	12.110	107	290439	21.496	ng/u1	98
36) 2-Methylnaphthalene	12.445	142	582754	21.179	ng/u1	97

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37) 1-Methylnaphthalene	12.657	142	592391	20.934	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.810	216	311934	21.465	ng/ul	99
40) Hexachlorocyclopentadiene	12.757	237	97899	17.160	ng/ul	99
41) 2,4,6-Trichlorophenol	13.075	196	200248	21.810	ng/ul	95
42) 2,4,5-Trichlorophenol	13.169	196	209831	21.496	ng/ul	99
43) 1,1'-Biphenyl	13.440	154	784107	21.067	ng/ul	98
44) 2-Chloronaphthalene	13.492	162	628674	21.498	ng/ul	98
45) 2-Nitroaniline	13.740	65	201306	21.123	ng/ul	99
47) Dimethylphthalate	14.069	163	786997	20.020	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	154225	20.810	ng/ul	99
50) Acenaphthylene	14.334	152	1049284	21.418	ng/ul	99
51) 3-Nitroaniline	14.581	138	157977	20.991	ng/ul	97
52) Acenaphthene	14.669	153	690975	20.854	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	87732m	16.913	ng/ul	
55) 4-Nitrophenol	14.928	109	103050	17.047	ng/ul	85
56) Dibenzofuran	15.016	168	949354	21.035	ng/ul	98
57) 2,4-Dinitrotoluene	15.034	165	231625	21.186	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.257	232	193377	21.829	ng/ul	98
59) Diethylphthalate	15.428	149	814406	19.922	ng/ul	99
61) Fluorene	15.663	166	786389	20.857	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.651	204	382164	20.958	ng/ul	98
63) 4-Nitroaniline	15.751	138	138370	20.019	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.810	198	116093	16.628	ng/ul	98
67) N-Nitrosodiphenylamine	15.875	169	654953	21.354	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	235530	21.418	ng/ul	98
69) Hexachlorobenzene	16.675	284	281859	21.284	ng/ul	99
70) Atrazine	16.833	200	243871	20.052	ng/ul	97
71) Pentachlorophenol	17.045	266	140249	21.119	ng/ul	99
72) Phenanthrene	17.416	178	1291788	21.426	ng/ul	100
74) Anthracene	17.516	178	1311624	21.650	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.410	216	334454	22.017	ng/uL	99
76) Pentachlorobenzene	14.934	250	308751	21.532	ng/uL	99
77) Carbazole	17.810	167	1182005	21.399	ng/ul	99
78) Di-n-butylphthalate	18.310	149	1444271	20.873	ng/ul	100
80) Fluoranthene	19.386	202	1585999	21.141	ng/ul	100
82) Pyrene	19.745	202	1687941	21.074	ng/ul	99
83) Butylbenzylphthalate	20.586	149	713893	20.666	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.392	252	524398	18.153	ng/ul	98
85) Benzo(a)anthracene	21.451	228	1743477	21.655	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.327	149	1071351	20.761	ng/ul	99
87) Chrysene	21.510	228	1692103	20.747	ng/ul	100
89) Di-n-octyl phthalate	22.274	149	1923035	21.920	ng/ul	100
90) Benzo(b)fluoranthene	23.192	252	1756776	21.959	ng/ul	99
91) Benzo(k)fluoranthene	23.245	252	1821158	22.369	ng/ul	100
93) Benzo(a)pyrene	23.851	252	1673920	21.121	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.598	276	1860594	18.959	ng/ul	100
95) Dibenzo(a,h)anthracene	26.598	278	1538092	19.214	ng/ul	98
96) Benzo(g,h,i)perylene	27.427	276	1439681	18.379	ng/ul	99

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

