

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016080.D
 Acq On : 08 Jul 2023 07:54
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020797

Quant Time: Jul 08 22:22:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	148477	20.000	ng/u1	0.00
20) Naphthalene-d8	10.845	136	684559	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.669	164	448711	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1036235	20.000	ng/u1	0.00
79) Chrysene-d12	21.533	240	1057031	20.000	ng/u1	# 0.00
88) Perylene-d12	24.080	264	1141212	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	35478	8.597	ng/uL	0.00
4) Pyridine-d5	3.799	84	206242	19.826	ng/u1	0.00
7) Phenol-d5	7.216	99	280398	22.072	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	184060	23.418	ng/u1	0.00
11) 2-Chlorophenol-d4	7.557	132	211573	22.062	ng/u1	0.00
15) 4-Methylphenol-d8	8.769	113	220438	21.965	ng/u1	0.00
21) Nitrobenzene-d5	9.216	128	106131	20.286	ng/u1	0.00
24) 2-Nitrophenol-d4	9.945	143	122651	20.087	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	220481	20.263	ng/u1	0.01
31) 4-Chloroaniline-d4	11.028	131	331007	23.681	ng/u1	0.00
46) Dimethylphthalate-d6	14.086	166	757466	21.840	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	848046	21.752	ng/u1	0.00
54) 4-Nitrophenol-d4	14.998	143	115663	25.272	ng/u1	0.04
60) Fluorene-d10	15.669	176	645153	22.592	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	106656m	16.736	ng/u1	0.00
73) Anthracene-d10	17.539	188	1061256m	22.421	ng/u1	0.00
81) Pyrene-d10	19.774	212	1274480	18.465	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.909	264	1216777	21.136	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	38185	8.598	ng/uL	95
5) Pyridine	3.822	79	224591	20.637	ng/u1	98
6) Benzaldehyde	7.199	77	65484m	12.750	ng/u1	
8) Phenol	7.246	94	297506	22.567	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.446	93	245969	23.450	ng/u1	97
12) 2-Chlorophenol	7.593	128	233232	22.892	ng/u1	97
13) 2-Methylphenol	8.493	108	228555	22.962	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.557	45	387774m	27.067	ng/u1	
16) Acetophenone	8.875	105	388505	23.549	ng/u1	92
17) N-Nitroso-di-n-propyla...	8.840	70	216306	23.607	ng/u1	99
18) 4-Methylphenol	8.840	108	253955	23.746	ng/u1	98
19) Hexachloroethane	9.087	117	102422	21.766	ng/u1	93
22) Nitrobenzene	9.263	77	302821	20.612	ng/u1	98
23) Isophorone	9.775	82	613719	21.829	ng/u1	99
25) 2-Nitrophenol	9.981	139	134863	20.812	ng/u1	96
26) 2,4-Dimethylphenol	10.045	107	294454	20.670	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.269	93	357733	22.540	ng/u1	97
29) 2,4-Dichlorophenol	10.545	162	222284	20.548	ng/u1	99
30) Naphthalene	10.892	128	825003	22.169	ng/u1	99
32) 4-Chloroaniline	11.051	127	352272	24.258	ng/u1	99
33) Hexachlorobutadiene	11.151	225	148004	18.117	ng/u1	99
34) Caprolactam	11.863	113	80244m	24.251	ng/u1	
35) 4-Chloro-3-methylphenol	12.187	107	271426	21.436	ng/u1	98
36) 2-Methylnaphthalene	12.510	142	539988	22.042	ng/u1	98

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37) 1-Methylnaphthalene	12.722	142	561605	22.472	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.881	216	291328	19.702	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	48371	10.935	ng/ul	98
41) 2,4,6-Trichlorophenol	13.145	196	181864	19.462	ng/ul	98
42) 2,4,5-Trichlorophenol	13.239	196	200747	20.253	ng/ul	99
43) 1,1'-Biphenyl	13.504	154	753555	21.203	ng/ul#	96
44) 2-Chloronaphthalene	13.557	162	592817	21.173	ng/ul	98
45) 2-Nitroaniline	13.804	65	190597	21.635	ng/ul	98
47) Dimethylphthalate	14.133	163	787572	21.942	ng/ul	99
48) 2,6-Dinitrotoluene	14.286	165	153556	21.091	ng/ul	99
50) Acenaphthylene	14.398	152	942781	21.946	ng/ul	100
51) 3-Nitroaniline	14.657	138	85788	15.026	ng/ul#	88
52) Acenaphthene	14.733	153	673079	22.595	ng/ul	97
53) 2,4-Dinitrophenol	14.904	184	47544	12.308	ng/ul	96
55) 4-Nitrophenol	14.998	109	100106m	21.107	ng/ul	
56) Dibenzofuran	15.081	168	925328	22.376	ng/ul	98
57) 2,4-Dinitrotoluene	15.104	165	227769	22.957	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.328	232	179036	21.029	ng/ul	99
59) Diethylphthalate	15.486	149	829643	22.841	ng/ul	99
61) Fluorene	15.728	166	765798	22.831	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.710	204	367117	21.390	ng/ul	96
63) 4-Nitroaniline	15.833	138	71104m	18.196	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.880	198	104368	16.187	ng/ul#	94
67) N-Nitrosodiphenylamine	15.939	169	640739	20.655	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	231666	19.578	ng/ul	92
69) Hexachlorobenzene	16.739	284	270024	19.339	ng/ul	96
70) Atrazine	16.898	200	231773	19.518	ng/ul	98
71) Pentachlorophenol	17.116	266	118490m	17.682	ng/ul	
72) Phenanthrene	17.480	178	1270530	22.569	ng/ul	100
74) Anthracene	17.580	178	1279835	22.626	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.481	216	303277	17.986	ng/uL	99
76) Pentachlorobenzene	14.998	250	314904	18.504	ng/uL	99
77) Carbazole	17.874	167	1134631	23.798	ng/ul	99
78) Di-n-butylphthalate	18.369	149	1470846	23.271	ng/ul	99
80) Fluoranthene	19.451	202	1533672	17.879	ng/ul#	94
82) Pyrene	19.804	202	1639798	18.740	ng/ul#	90
83) Butylbenzylphthalate	20.645	149	729119	20.424	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	472576	19.777	ng/ul	97
85) Benzo(a)anthracene	21.515	228	1545391	20.783	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	1077237	21.957	ng/ul	99
87) Chrysene	21.580	228	1612365	22.855	ng/ul	100
89) Di-n-octyl phthalate	22.345	149	1844494	22.116	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	1492800	20.358	ng/ul	98
91) Benzo(k)fluoranthene	23.339	252	1680315	22.680	ng/ul#	98
93) Benzo(a)pyrene	23.962	252	1376547	21.484	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.768	276	1640946	18.866	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.768	278	1348175	18.870	ng/ul#	96
96) Benzo(g,h,i)perylene	27.621	276	1300512	18.175	ng/ul	96

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

