

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030823\
 Data File : BP014020.D
 Acq On : 09 Mar 2023 20:40
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020772

Quant Time: Mar 10 00:22:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 09 01:10:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/10/2023
 Supervised By : Jagrut Upadhyay 03/10/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	127887	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	525776	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	365258	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	866350	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	926565	20.000	ng/u1	-0.01
88) Perylene-d12	24.080	264	966096	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	28348	8.375	ng/uL	0.00
4) Pyridine-d5	3.869	84	190758	20.355	ng/u1	0.00
7) Phenol-d5	7.228	99	236323	20.940	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	143285	21.770	ng/u1	0.00
11) 2-Chlorophenol-d4	7.605	132	180672	21.012	ng/u1	0.00
15) 4-Methylphenol-d8	8.787	113	196028	21.264	ng/u1	0.00
21) Nitrobenzene-d5	9.252	128	91092	21.714	ng/u1	0.00
24) 2-Nitrophenol-d4	9.981	143	107194	21.346	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	194789	20.615	ng/u1	0.00
31) 4-Chloroaniline-d4	11.040	131	256327	20.499	ng/u1	0.00
46) Dimethylphthalate-d6	14.116	166	618630	19.957	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	694981	21.164	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	107259	19.635	ng/u1	0.00
60) Fluorene-d10	15.704	176	529175	20.143	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.828	200	121671	18.582	ng/u1	0.00
73) Anthracene-d10	17.569	188	857582	20.391	ng/u1	0.00
81) Pyrene-d10	19.786	212	1075136	21.039	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.915	264	1060385	20.634	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	30360	8.309	ng/uL	89
5) Pyridine	3.887	79	201533	21.205	ng/u1	96
6) Benzaldehyde	7.210	77	141219m	25.148	ng/u1	
8) Phenol	7.258	94	249095	21.403	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.493	93	191011	21.422	ng/u1	96
12) 2-Chlorophenol	7.640	128	186180	21.491	ng/u1	99
13) 2-Methylphenol	8.522	108	186874	21.593	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.604	45	223517	23.212	ng/u1	99
16) Acetophenone	8.910	105	323972	21.754	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.893	70	168676	22.140	ng/u1	99
18) 4-Methylphenol	8.852	108	206880	21.733	ng/u1	98
19) Hexachloroethane	9.169	117	79970	21.077	ng/u1	97
22) Nitrobenzene	9.293	77	253023	22.547	ng/u1	98
23) Isophorone	9.822	82	470847	21.787	ng/u1	100
25) 2-Nitrophenol	10.010	139	112944	21.822	ng/u1	99
26) 2,4-Dimethylphenol	10.063	107	248066	21.897	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.299	93	261903	20.952	ng/u1	99
29) 2,4-Dichlorophenol	10.546	162	190316	20.419	ng/u1	96
30) Naphthalene	10.951	128	599040	20.748	ng/u1	99
32) 4-Chloroaniline	11.063	127	255585	20.312	ng/u1	99
33) Hexachlorobutadiene	11.234	225	146461	19.747	ng/u1	97
34) Caprolactam	11.840	113	59043	19.509	ng/u1	98
35) 4-Chloro-3-methylphenol	12.175	107	227137	21.074	ng/u1	94
36) 2-Methylnaphthalene	12.551	142	415517	20.519	ng/u1	98

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37) 1-Methylnaphthalene	12.769	142	411309	20.208	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.916	216	267752	20.271	ng/ul	99
40) Hexachlorocyclopentadiene	12.893	237	164919	17.436	ng/ul	98
41) 2,4,6-Trichlorophenol	13.151	196	172622	20.805	ng/ul	97
42) 2,4,5-Trichlorophenol	13.222	196	184272	20.236	ng/ul	99
43) 1,1'-Biphenyl	13.551	154	584678	20.792	ng/ul	99
44) 2-Chloronaphthalene	13.598	162	464465	20.796	ng/ul	98
45) 2-Nitroaniline	13.798	65	145266	21.991	ng/ul	93
47) Dimethylphthalate	14.163	163	619372	20.186	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	125021	20.610	ng/ul	99
50) Acenaphthylene	14.439	152	721415	20.934	ng/ul	100
51) 3-Nitroaniline	14.622	138	114609	21.338	ng/ul	91
52) Acenaphthene	14.781	153	497046	20.631	ng/ul	99
53) 2,4-Dinitrophenol	14.828	184	74042	16.344	ng/ul	98
55) 4-Nitrophenol	14.922	109	116314	19.712	ng/ul	97
56) Dibenzofuran	15.110	168	715218	20.407	ng/ul	98
57) 2,4-Dinitrotoluene	15.075	165	185634	20.482	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	177721	20.400	ng/ul	97
59) Diethylphthalate	15.528	149	626346	20.126	ng/ul	99
61) Fluorene	15.763	166	585587	20.156	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	321599	20.056	ng/ul	98
63) 4-Nitroaniline	15.786	138	119762	21.692	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.839	198	117099	18.745	ng/ul	93
67) N-Nitrosodiphenylamine	15.969	169	508544	20.784	ng/ul	99
68) 4-Bromophenyl-phenylether	16.651	248	209603	20.013	ng/ul	99
69) Hexachlorobenzene	16.769	284	248024	20.096	ng/ul	96
70) Atrazine	16.916	200	211553	20.046	ng/ul	99
71) Pentachlorophenol	17.116	266	155805	19.313	ng/ul	99
72) Phenanthrene	17.510	178	968534	20.497	ng/ul	100
74) Anthracene	17.604	178	991428	20.693	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.516	216	279623	21.031	ng/ul	99
76) Pentachlorobenzene	15.034	250	286576	20.749	ng/ul	99
77) Carbazole	17.869	167	878893	20.797	ng/ul	100
78) Di-n-butylphthalate	18.398	149	1073143	20.318	ng/ul	100
80) Fluoranthene	19.463	202	1239328	21.277	ng/ul	100
82) Pyrene	19.816	202	1290045	21.231	ng/ul	99
83) Butylbenzylphthalate	20.669	149	516350	21.075	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	470413	19.832	ng/ul	100
85) Benzo(a)anthracene	21.527	228	1358814	20.850	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	756770	20.660	ng/ul	100
87) Chrysene	21.586	228	1292338	20.807	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	1314997	21.572	ng/ul	100
90) Benzo(b)fluoranthene	23.298	252	1394034	21.655	ng/ul	99
91) Benzo(k)fluoranthene	23.351	252	1303130	21.229	ng/ul	100
93) Benzo(a)pyrene	23.968	252	1158733	20.694	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.751	276	1344963	18.145	ng/ul	98
95) Dibenzo(a,h)anthracene	26.762	278	1128102	18.311	ng/ul	98
96) Benzo(g,h,i)perylene	27.568	276	1046159	17.658	ng/ul	99

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

