

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032823\
 Data File : BP014350.D
 Acq On : 28 Mar 2023 18:38
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020793

Quant Time: Mar 29 04:11:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 29 02:11:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/29/2023
 Supervised By : Jagrut Upadhyay 03/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	159408	20.000	ng/u1	0.00
20) Naphthalene-d8	10.846	136	706799	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.675	164	484498	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.439	188	1077275	20.000	ng/u1	0.00
79) Chrysene-d12	21.527	240	993453	20.000	ng/u1	0.00
88) Perylene-d12	24.051	264	862762	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	33608	8.176	ng/uL	0.00
4) Pyridine-d5	3.828	84	224681	21.329	ng/u1	0.00
7) Phenol-d5	7.181	99	309168	21.030	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	204251	21.654	ng/u1	0.00
11) 2-Chlorophenol-d4	7.552	132	231060	21.745	ng/u1	0.00
15) 4-Methylphenol-d8	8.740	113	258510	21.799	ng/u1	0.00
21) Nitrobenzene-d5	9.199	128	122288	21.432	ng/u1	0.00
24) 2-Nitrophenol-d4	9.922	143	141314	21.629	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.469	165	255412	21.465	ng/u1	0.00
31) 4-Chloroaniline-d4	10.993	131	339173	21.640	ng/u1	0.00
46) Dimethylphthalate-d6	14.081	166	842947	21.458	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	919505	21.095	ng/u1	0.00
54) 4-Nitrophenol-d4	14.886	143	133196	22.443	ng/u1	0.00
60) Fluorene-d10	15.669	176	690729	21.085	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.798	200	163897	20.676	ng/u1	0.00
73) Anthracene-d10	17.539	188	1106924	21.232	ng/u1	0.00
81) Pyrene-d10	19.763	212	1259401	18.873	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	968201	21.122	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	37425	8.285	ng/uL	96
5) Pyridine	3.846	79	234100	21.236	ng/u1	98
6) Benzaldehyde	7.157	77	192314	26.318	ng/u1	97
8) Phenol	7.210	94	324674	21.289	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.440	93	263148	21.472	ng/u1	100
12) 2-Chlorophenol	7.581	128	238236	21.541	ng/u1	96
13) 2-Methylphenol	8.469	108	243096	21.374	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.546	45	353343	21.959	ng/u1	99
16) Acetophenone	8.857	105	431665	22.044	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.834	70	241114	22.792	ng/u1	97
18) 4-Methylphenol	8.804	108	271972	21.774	ng/u1	100
19) Hexachloroethane	9.104	117	105119	21.754	ng/u1	94
22) Nitrobenzene	9.240	77	348219	21.243	ng/u1	99
23) Isophorone	9.769	82	659041	21.811	ng/u1	100
25) 2-Nitrophenol	9.957	139	149591	21.692	ng/u1	98
26) 2,4-Dimethylphenol	10.010	107	329306	21.334	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.251	93	388539	21.448	ng/u1	100
29) 2,4-Dichlorophenol	10.493	162	251309	21.461	ng/u1	96
30) Naphthalene	10.898	128	830179	21.087	ng/u1	99
32) 4-Chloroaniline	11.016	127	347479	21.889	ng/u1	99
33) Hexachlorobutadiene	11.175	225	188306	20.298	ng/u1	97
34) Caprolactam	11.810	113	81047m	23.428	ng/u1	
35) 4-Chloro-3-methylphenol	12.134	107	316863	21.999	ng/u1	97
36) 2-Methylnaphthalene	12.498	142	577036	21.627	ng/u1	98

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37) 1-Methylnaphthalene	12.722	142	570938	21.577	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.869	216	347549	20.120	ng/ul	98
40) Hexachlorocyclopentadiene	12.840	237	210299	18.799	ng/ul	97
41) 2,4,6-Trichlorophenol	13.110	196	224117	20.966	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	242148	21.279	ng/ul	95
43) 1,1'-Biphenyl	13.504	154	804896	20.563	ng/ul	99
44) 2-Chloronaphthalene	13.551	162	632755	20.445	ng/ul	99
45) 2-Nitroaniline	13.763	65	208221	21.724	ng/ul	99
47) Dimethylphthalate	14.128	163	831806	21.177	ng/ul	99
48) 2,6-Dinitrotoluene	14.257	165	169102	22.036	ng/ul	98
50) Acenaphthylene	14.398	152	980408	21.119	ng/ul	100
51) 3-Nitroaniline	14.592	138	162115	23.581	ng/ul	98
52) Acenaphthene	14.739	153	682830	20.815	ng/ul	100
53) 2,4-Dinitrophenol	14.798	184	105793	21.289	ng/ul	98
55) 4-Nitrophenol	14.898	109	131174	22.396	ng/ul	96
56) Dibenzofuran	15.075	168	969653	21.027	ng/ul	100
57) 2,4-Dinitrotoluene	15.045	165	245142	22.521	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.304	232	221940	21.699	ng/ul	98
59) Diethylphthalate	15.486	149	848395	21.736	ng/ul	98
61) Fluorene	15.728	166	794015	21.243	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.716	204	422788	21.053	ng/ul	98
63) 4-Nitroaniline	15.763	138	143306	25.655	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.810	198	156635	20.390	ng/ul	99
67) N-Nitrosodiphenylamine	15.933	169	661288	19.729	ng/ul	98
68) 4-Bromophenyl-phenylether	16.616	248	262216	19.561	ng/ul	96
69) Hexachlorobenzene	16.733	284	304077	19.748	ng/ul	99
70) Atrazine	16.892	200	258642	21.198	ng/ul	97
71) Pentachlorophenol	17.086	266	183287	20.547	ng/ul	99
72) Phenanthrene	17.480	178	1266061	21.124	ng/ul	100
74) Anthracene	17.575	178	1269989	21.025	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.475	216	356844	18.818	ng/ul	98
76) Pentachlorobenzene	14.992	250	366819	19.387	ng/ul	99
77) Carbazole	17.845	167	1098057	21.722	ng/ul	99
78) Di-n-butylphthalate	18.375	149	1392875	21.914	ng/ul	100
80) Fluoranthene	19.439	202	1474041	18.683	ng/ul	100
82) Pyrene	19.792	202	1540695	18.704	ng/ul	100
83) Butylbenzylphthalate	20.651	149	627164	22.104	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.439	252	472014	21.483	ng/ul	98
85) Benzo(a)anthracene	21.510	228	1495867	21.248	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	893275	23.023	ng/ul	99
87) Chrysene	21.563	228	1406146	21.154	ng/ul	100
89) Di-n-octyl phthalate	22.368	149	1365689	24.392	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	1270824	21.810	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	1247556	22.044	ng/ul	99
93) Benzo(a)pyrene	23.939	252	1065696	21.248	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.703	276	1217962	17.651	ng/ul	99
95) Dibenzo(a,h)anthracene	26.715	278	1021491	17.681	ng/ul	99
96) Benzo(g,h,i)perylene	27.515	276	961972	17.103	ng/ul	99

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

