

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071923\
 Data File : BP016318.D
 Acq On : 19 Jul 2023 11:23
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020668

Quant Time: Jul 19 14:06:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 19 01:28:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Sohil Jodhani 07/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	184269	20.000	ng/u1	0.00
20) Naphthalene-d8	10.757	136	860820	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	611494	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.363	188	1411259	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	1429722	20.000	ng/u1	0.00
88) Perylene-d12	23.957	264	1630726	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	37733	7.246	ng/uL	0.00
4) Pyridine-d5	3.722	84	207234	15.957	ng/u1	0.00
7) Phenol-d5	7.134	99	322943	19.403	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	229956	20.432	ng/u1	0.00
11) 2-Chlorophenol-d4	7.475	132	257012	21.391	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	272465	20.321	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	129321	21.776	ng/u1	0.00
24) 2-Nitrophenol-d4	9.863	143	139273	20.576	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	239806	20.459	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	341148	18.158	ng/u1	0.00
46) Dimethylphthalate-d6	14.010	166	893137	19.147	ng/u1	0.00
49) Acenaphthylene-d8	14.292	160	991280	19.392	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	129856m	13.641	ng/u1	0.00
60) Fluorene-d10	15.592	176	687542	17.612	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.781	200	141213	17.333	ng/u1	0.00
73) Anthracene-d10	17.469	188	1165426	18.879	ng/u1	0.00
81) Pyrene-d10	19.704	212	1171669	15.793	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.786	264	1480017	18.899	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	40362	7.066	ng/uL#	89
5) Pyridine	3.746	79	226870	17.055	ng/u1	100
6) Benzaldehyde	7.105	77	206000	19.822	ng/u1	94
8) Phenol	7.158	94	355344	19.916	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.369	93	301158	20.755	ng/u1	98
12) 2-Chlorophenol	7.505	128	268482	21.537	ng/u1	98
13) 2-Methylphenol	8.416	108	256551	19.104	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.463	45	494459	20.998	ng/u1	99
16) Acetophenone	8.793	105	460807	20.842	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.763	70	264042	22.276	ng/u1	97
18) 4-Methylphenol	8.757	108	289416	19.708	ng/u1	97
19) Hexachloroethane	9.004	117	120269	21.162	ng/u1	98
22) Nitrobenzene	9.175	77	374992	21.733	ng/u1	98
23) Isophorone	9.693	82	677697	19.814	ng/u1	99
25) 2-Nitrophenol	9.899	139	147772	20.320	ng/u1	98
26) 2,4-Dimethylphenol	9.957	107	310637	19.424	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.181	93	391167	19.641	ng/u1	99
29) 2,4-Dichlorophenol	10.451	162	232304	19.274	ng/u1	97
30) Naphthalene	10.810	128	846524	18.739	ng/u1	98
32) 4-Chloroaniline	10.963	127	343130	18.363	ng/u1	98
33) Hexachlorobutadiene	11.063	225	166332	20.320	ng/u1	99
34) Caprolactam	11.775	113	83935	19.237	ng/u1	94
35) 4-Chloro-3-methylphenol	12.104	107	284991	19.161	ng/u1	99
36) 2-Methylnaphthalene	12.428	142	582096	19.218	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.645	142	607389	19.498	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.798	216	338239	19.421	ng/ul	98
40) Hexachlorocyclopentadiene	12.740	237	128863	18.848	ng/ul	99
41) 2,4,6-Trichlorophenol	13.063	196	221050	20.090	ng/ul	98
42) 2,4,5-Trichlorophenol	13.157	196	226437	19.357	ng/ul	99
43) 1,1'-Biphenyl	13.428	154	863670	19.362	ng/ul	99
44) 2-Chloronaphthalene	13.481	162	673227	19.210	ng/ul	99
45) 2-Nitroaniline	13.728	65	224637	19.669	ng/ul	99
47) Dimethylphthalate	14.057	163	899860	19.100	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	176517	19.874	ng/ul	96
50) Acenaphthylene	14.322	152	1139676	19.411	ng/ul	99
51) 3-Nitroaniline	14.569	138	160504	17.796	ng/ul	92
52) Acenaphthene	14.663	153	743661	18.727	ng/ul	100
53) 2,4-Dinitrophenol	14.810	184	144727	23.281	ng/ul	94
55) 4-Nitrophenol	14.922	109	97651	13.479	ng/ul#	78
56) Dibenzofuran	15.004	168	956759	17.689	ng/ul	97
57) 2,4-Dinitrotoluene	15.022	165	254557	19.429	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.245	232	204782	19.289	ng/ul	98
59) Diethylphthalate	15.416	149	929048	18.963	ng/ul	99
61) Fluorene	15.651	166	842569	18.647	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	414065	18.947	ng/ul	99
63) 4-Nitroaniline	15.745	138	145355	17.548	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.792	198	146789	17.239	ng/ul	96
67) N-Nitrosodiphenylamine	15.863	169	661300	17.678	ng/ul	99
68) 4-Bromophenyl-phenylether	16.539	248	252530	18.829	ng/ul	99
69) Hexachlorobenzene	16.663	284	304127	18.830	ng/ul	97
70) Atrazine	16.828	200	282108	19.019	ng/ul	99
71) Pentachlorophenol	17.033	266	152086	18.778	ng/ul	98
72) Phenanthrene	17.404	178	1365549	18.571	ng/ul	100
74) Anthracene	17.504	178	1405516	19.022	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.398	216	364355	19.666	ng/ul	99
76) Pentachlorobenzene	14.922	250	302696	17.309	ng/ul	99
77) Carbazole	17.798	167	1267211	18.810	ng/ul	99
78) Di-n-butylphthalate	18.298	149	1680619	19.915	ng/ul	100
80) Fluoranthene	19.380	202	1357866	15.652	ng/ul	97
82) Pyrene	19.739	202	1425367	15.389	ng/ul	95
83) Butylbenzylphthalate	20.580	149	817891	20.475	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.380	252	584635	17.501	ng/ul	99
85) Benzo(a)anthracene	21.445	228	1779499	19.113	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.321	149	1254926	21.030	ng/ul	99
87) Chrysene	21.504	228	1712788	18.160	ng/ul	100
89) Di-n-octyl phthalate	22.263	149	2193244	21.472	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	1732031	18.594	ng/ul	99
91) Benzo(k)fluoranthene	23.233	252	1858223	19.603	ng/ul	99
93) Benzo(a)pyrene	23.839	252	1691527	18.331	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.580	276	1948742	17.055	ng/ul	99
95) Dibenzo(a,h)anthracene	26.580	278	1620645	17.388	ng/ul	98
96) Benzo(g,h,i)perylene	27.404	276	1528944	16.764	ng/ul	99

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

