

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041023\
 Data File : BP014644.D
 Acq On : 11 Apr 2023 01:34
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020670

Quant Time: Apr 11 22:56:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 11 01:21:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	116506	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	485503	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.628	164	292569	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	617298	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	625155	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	720665	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	28602	9.520	ng/uL	0.00
4) Pyridine-d5	3.793	84	182845	23.749	ng/u1	0.00
7) Phenol-d5	7.140	99	217025	20.198	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.299	67	153922	22.327	ng/u1	0.00
11) 2-Chlorophenol-d4	7.505	132	168002	21.633	ng/u1	0.00
15) 4-Methylphenol-d8	8.693	113	171342	19.769	ng/u1	0.00
21) Nitrobenzene-d5	9.152	128	81588	20.817	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	92526	20.616	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	165308	20.225	ng/u1	0.00
31) 4-Chloroaniline-d4	10.946	131	208209	19.339	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	482530	20.341	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	552687	20.997	ng/u1	0.00
54) 4-Nitrophenol-d4	14.857	143	58343	16.280	ng/u1	0.00
60) Fluorene-d10	15.622	176	402880	20.366	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	79907	17.592	ng/u1	0.00
73) Anthracene-d10	17.492	188	614149	20.558	ng/u1	0.00
81) Pyrene-d10	19.722	212	736424	17.537	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.815	264	807821	21.098	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	31676	9.594	ng/uL	94
5) Pyridine	3.811	79	188916	23.448	ng/u1	91
6) Benzaldehyde	7.116	77	143608	26.889	ng/u1	98
8) Phenol	7.169	94	231300	20.751	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.393	93	191238	21.350	ng/u1	97
12) 2-Chlorophenol	7.540	128	173998	21.526	ng/u1	95
13) 2-Methylphenol	8.428	108	166357	20.013	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.499	45	281469	23.933	ng/u1	96
16) Acetophenone	8.810	105	290630	20.307	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.787	70	159968	20.690	ng/u1	93
18) 4-Methylphenol	8.757	108	180715	19.796	ng/u1	96
19) Hexachloroethane	9.052	117	82830	23.453	ng/u1	87
22) Nitrobenzene	9.193	77	244755	21.737	ng/u1	98
23) Isophorone	9.716	82	427830	20.613	ng/u1	98
25) 2-Nitrophenol	9.910	139	96076	20.282	ng/u1	95
26) 2,4-Dimethylphenol	9.969	107	218862	20.642	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.199	93	257338	20.680	ng/u1	98
29) 2,4-Dichlorophenol	10.451	162	156823	19.496	ng/u1	96
30) Naphthalene	10.846	128	565644	20.916	ng/u1	99
32) 4-Chloroaniline	10.969	127	209926	19.251	ng/u1	100
33) Hexachlorobutadiene	11.116	225	131687	20.665	ng/u1	99
34) Caprolactam	11.769	113	45026m	18.948	ng/u1	
35) 4-Chloro-3-methylphenol	12.093	107	188248	19.027	ng/u1	97
36) 2-Methylnaphthalene	12.451	142	361128	19.704	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	366032	20.138	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	215862	20.694	ng/ul	98
40) Hexachlorocyclopentadiene	12.787	237	116640	17.267	ng/ul	97
41) 2,4,6-Trichlorophenol	13.069	196	131310	20.343	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	138761	20.193	ng/ul	93
43) 1,1'-Biphenyl	13.457	154	499763	21.143	ng/ul	98
44) 2-Chloronaphthalene	13.504	162	389434	20.837	ng/ul	98
45) 2-Nitroaniline	13.722	65	123613	21.357	ng/ul	94
47) Dimethylphthalate	14.081	163	470997	19.858	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	95234	20.551	ng/ul	94
50) Acenaphthylene	14.351	152	592573	21.139	ng/ul	99
51) 3-Nitroaniline	14.557	138	79725	19.204	ng/ul	97
52) Acenaphthene	14.692	153	412690	20.833	ng/ul	99
53) 2,4-Dinitrophenol	14.775	184	41046m	13.678	ng/ul	
55) 4-Nitrophenol	14.869	109	58592	16.566	ng/ul	89
56) Dibenzofuran	15.028	168	572622	20.563	ng/ul	96
57) 2,4-Dinitrotoluene	15.004	165	135189	20.567	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.263	232	121158	19.617	ng/ul	100
59) Diethylphthalate	15.445	149	484212	20.544	ng/ul	98
61) Fluorene	15.681	166	463988	20.556	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.669	204	243577	20.086	ng/ul	98
63) 4-Nitroaniline	15.728	138	67147m	19.907	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.769	198	77040	17.502	ng/ul#	90
67) N-Nitrosodiphenylamine	15.886	169	384299	20.009	ng/ul	98
68) 4-Bromophenyl-phenylether	16.569	248	148219	19.296	ng/ul	97
69) Hexachlorobenzene	16.686	284	172666	19.570	ng/ul	97
70) Atrazine	16.845	200	142747	20.417	ng/ul	98
71) Pentachlorophenol	17.045	266	89408m	17.491	ng/ul	
72) Phenanthrene	17.433	178	716096	20.851	ng/ul	99
74) Anthracene	17.528	178	722744	20.881	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.428	216	219845	20.232	ng/uL	99
76) Pentachlorobenzene	14.945	250	211372	19.495	ng/uL	99
77) Carbazole	17.804	167	615743	21.257	ng/ul	98
78) Di-n-butylphthalate	18.328	149	788861	21.659	ng/ul	99
80) Fluoranthene	19.398	202	854075	17.202	ng/ul	99
82) Pyrene	19.751	202	901121	17.384	ng/ul	98
83) Butylbenzylphthalate	20.610	149	373761	20.933	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.398	252	294603	21.308	ng/ul	98
85) Benzo(a)anthracene	21.463	228	940199	21.223	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	562622	23.043	ng/ul	100
87) Chrysene	21.521	228	912878	21.824	ng/ul	98
89) Di-n-octyl phthalate	22.316	149	985279	21.068	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	982374	20.184	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	990615	20.956	ng/ul	99
93) Benzo(a)pyrene	23.868	252	880584	21.019	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.598	276	1164599	20.205	ng/ul	99
95) Dibenzo(a,h)anthracene	26.609	278	969067	20.081	ng/ul	99
96) Benzo(g,h,i)perylene	27.409	276	956578	20.360	ng/ul	98

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

