

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052323\
 Data File : BP015266.D
 Acq On : 24 May 2023 06:28
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020729

Quant Time: May 24 07:11:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 23 01:25:41 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2023
 Supervised By :mohammad ahmed 05/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	258732	20.000	ng/u1	0.00
20) Naphthalene-d8	10.946	136	1144739	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.757	164	727632	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.510	188	1573746	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	1130890	20.000	ng/u1	0.00
88) Perylene-d12	24.139	264	1176445	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	49538	7.439	ng/uL	0.00
4) Pyridine-d5	3.864	84	357250	18.926	ng/u1	0.00
7) Phenol-d5	7.263	99	445693	18.553	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	266315	19.195	ng/u1	0.00
11) 2-Chlorophenol-d4	7.640	132	337348	19.099	ng/u1	0.00
15) 4-Methylphenol-d8	8.828	113	363990	19.015	ng/u1	0.00
21) Nitrobenzene-d5	9.293	128	179262	19.928	ng/u1	0.00
24) 2-Nitrophenol-d4	10.022	143	203943	20.376	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	372318	20.615	ng/u1	0.00
31) 4-Chloroaniline-d4	11.081	131	500436	18.727	ng/u1	0.00
46) Dimethylphthalate-d6	14.157	166	1088240	19.792	ng/u1	0.00
49) Acenaphthylene-d8	14.451	160	1247373	19.836	ng/u1	0.00
54) 4-Nitrophenol-d4	14.945	143	175060	16.396	ng/u1	0.00
60) Fluorene-d10	15.745	176	920422	19.838	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	166269	16.765	ng/u1	0.00
73) Anthracene-d10	17.610	188	1389308	19.279	ng/u1	0.00
81) Pyrene-d10	19.827	212	1467928	22.381	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.968	264	1132641	19.395	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.464	88	53708	7.506	ng/uL	99
5) Pyridine	3.887	79	366076	18.648	ng/u1	98
6) Benzaldehyde	7.246	77	159024m	24.084	ng/u1	
8) Phenol	7.293	94	462963	18.794	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.528	93	369644	18.756	ng/u1	96
12) 2-Chlorophenol	7.675	128	360532	19.298	ng/u1	96
13) 2-Methylphenol	8.563	108	354386	18.614	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.640	45	473332	19.170	ng/u1	100
16) Acetophenone	8.952	105	584659	19.570	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.934	70	295553	18.863	ng/u1	95
18) 4-Methylphenol	8.893	108	394698	18.836	ng/u1	100
19) Hexachloroethane	9.205	117	146390	19.190	ng/u1	94
22) Nitrobenzene	9.334	77	454066	20.438	ng/u1	98
23) Isophorone	9.863	82	848740	18.586	ng/u1	99
25) 2-Nitrophenol	10.052	139	219768	20.023	ng/u1	92
26) 2,4-Dimethylphenol	10.104	107	440706	20.122	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.346	93	528715	19.029	ng/u1	97
29) 2,4-Dichlorophenol	10.587	162	376955	20.663	ng/u1	98
30) Naphthalene	10.993	128	1188571	19.098	ng/u1	100
32) 4-Chloroaniline	11.104	127	524667	19.103	ng/u1	99
33) Hexachlorobutadiene	11.275	225	235334	21.403	ng/u1	97
34) Caprolactam	11.881	113	118117m	17.173	ng/u1	
35) 4-Chloro-3-methylphenol	12.216	107	421011	20.438	ng/u1	98
36) 2-Methylnaphthalene	12.593	142	819202	19.536	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	824242	19.573	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.957	216	462593	21.257	ng/ul	98
40) Hexachlorocyclopentadiene	12.934	237	224631	15.931	ng/ul	99
41) 2,4,6-Trichlorophenol	13.193	196	312353	20.327	ng/ul	96
42) 2,4,5-Trichlorophenol	13.263	196	341744	20.511	ng/ul	99
43) 1,1'-Biphenyl	13.593	154	1120519	19.848	ng/ul	99
44) 2-Chloronaphthalene	13.634	162	890629	20.201	ng/ul	99
45) 2-Nitroaniline	13.840	65	271014	21.484	ng/ul	90
47) Dimethylphthalate	14.204	163	1130221	19.737	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	239323	21.096	ng/ul	100
50) Acenaphthylene	14.481	152	1352563	19.277	ng/ul	99
51) 3-Nitroaniline	14.663	138	193230	18.916	ng/ul	98
52) Acenaphthene	14.822	153	931310	19.434	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	129961	17.254	ng/ul	92
55) 4-Nitrophenol	14.963	109	160479	20.436	ng/ul	82
56) Dibenzofuran	15.151	168	1320039	19.804	ng/ul	98
57) 2,4-Dinitrotoluene	15.116	165	338195	20.602	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.375	232	287029	20.412	ng/ul	98
59) Diethylphthalate	15.563	149	1133496	19.847	ng/ul	100
61) Fluorene	15.804	166	1050346	19.608	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.792	204	534726	20.430	ng/ul	97
63) 4-Nitroaniline	15.822	138	148862	16.875	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.881	198	171604	16.765	ng/ul	100
67) N-Nitrosodiphenylamine	16.004	169	905192	19.561	ng/ul	98
68) 4-Bromophenyl-phenylether	16.686	248	342011	21.099	ng/ul	99
69) Hexachlorobenzene	16.810	284	394018	20.569	ng/ul	99
70) Atrazine	16.957	200	347185	20.299	ng/ul	99
71) Pentachlorophenol	17.157	266	214708	17.919	ng/ul	98
72) Phenanthrene	17.551	178	1663617	19.413	ng/ul	99
74) Anthracene	17.645	178	1654614	19.094	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.557	216	473276	21.211	ng/ul	98
76) Pentachlorobenzene	15.075	250	464466	20.731	ng/ul	99
77) Carbazole	17.910	167	1433376	18.863	ng/ul	100
78) Di-n-butylphthalate	18.439	149	1930271	19.726	ng/ul	99
80) Fluoranthene	19.504	202	1843422	23.059	ng/ul	97
82) Pyrene	19.851	202	1846935	22.372	ng/ul	97
83) Butylbenzylphthalate	20.710	149	810911	22.157	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	467025	18.804	ng/ul	99
85) Benzo(a)anthracene	21.569	228	1573875	20.128	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.463	149	1191013	22.604	ng/ul	99
87) Chrysene	21.622	228	1474390	19.724	ng/ul	98
89) Di-n-octyl phthalate	22.433	149	1838532	22.819	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	1481934	19.870	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	1443300	20.154	ng/ul	99
93) Benzo(a)pyrene	24.021	252	1273506	19.319	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.839	276	1643656	19.257	ng/ul	98
95) Dibenzo(a,h)anthracene	26.857	278	1360164	19.412	ng/ul	97
96) Benzo(g,h,i)perylene	27.674	276	1337813	19.221	ng/ul	98

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

