

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090823\
 Data File : BP017059.D
 Acq On : 09 Sep 2023 19:48
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020725

Quant Time: Sep 10 00:46:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP090523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 09 01:41:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/11/2023
 Supervised By :mohammad ahmed 09/11/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	409228	20.000	ng/u1	0.00
20) Naphthalene-d8	10.793	136	1716816	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.628	164	964625	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	1979839	20.000	ng/u1	0.00
79) Chrysene-d12	21.492	240	1612905	20.000	ng/u1	0.00
88) Perylene-d12	24.021	264	1498089	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	93858	8.675	ng/uL	0.00
4) Pyridine-d5	3.758	84	715322	23.140	ng/u1	0.00
7) Phenol-d5	7.116	99	842171	22.526	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.305	67	533792	22.826	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.487	132	607620	22.456	ng/u1	0.00
15) 4-Methylphenol-d8	8.681	113	618812	21.726	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	294230	22.091	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.881	143	307666	21.309	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.404	165	568650	21.333	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	821329	21.357	ng/u1	0.00
46) Dimethylphthalate-d6	14.040	166	1536810	21.403	ng/u1	0.00
49) Acenaphthylene-d8	14.328	160	1826356	22.040	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	278314	19.843	ng/u1	0.00
60) Fluorene-d10	15.622	176	1319521	21.463	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	210332	17.653	ng/u1	0.00
73) Anthracene-d10	17.492	188	1980560	21.783	ng/u1	0.00
81) Pyrene-d10	19.727	212	2102776	21.404	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.851	264	1641288	21.596	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	101551	8.694	ng/uL	97
5) Pyridine	3.775	79	756143	22.977	ng/u1	98
6) Benzaldehyde	7.122	77	290105	17.120	ng/u1	95
8) Phenol	7.146	94	879360	22.638	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.405	93	689391	22.255	ng/u1	100
12) 2-Chlorophenol	7.522	128	653118	22.657	ng/u1	98
13) 2-Methylphenol	8.410	108	624672	21.924	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.499	45	1000473m	22.940	ng/u1	
16) Acetophenone	8.816	105	1016434	22.114	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.793	70	539480	21.972	ng/u1	97
18) 4-Methylphenol	8.746	108	678961	21.850	ng/u1	99
19) Hexachloroethane	9.034	117	265032	22.194	ng/u1	95
22) Nitrobenzene	9.210	77	822830	23.137	ng/u1	97
23) Isophorone	9.728	82	1423268	21.302	ng/u1	99
25) 2-Nitrophenol	9.916	139	342133	21.523	ng/u1	97
26) 2,4-Dimethylphenol	9.951	107	714595	22.017	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.210	93	878554	21.217	ng/u1	99
29) 2,4-Dichlorophenol	10.434	162	581903	21.421	ng/u1	97
30) Naphthalene	10.846	128	2050413	21.887	ng/u1	100
32) 4-Chloroaniline	10.981	127	861353	21.522	ng/u1	100
33) Hexachlorobutadiene	11.075	225	327794	20.189	ng/u1	99
34) Caprolactam	11.804	113	177403m	19.719	ng/u1	
35) 4-Chloro-3-methylphenol	12.081	107	618466	20.775	ng/u1	99
36) 2-Methylnaphthalene	12.451	142	1304744	21.076	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	1308283	20.990	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	615550	21.658	ng/ul	99
40) Hexachlorocyclopentadiene	12.751	237	368468	20.009	ng/ul	99
41) 2,4,6-Trichlorophenol	13.057	196	411640	21.280	ng/ul	98
42) 2,4,5-Trichlorophenol	13.122	196	449302	21.348	ng/ul	98
43) 1,1'-Biphenyl	13.463	154	1706466	22.349	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	1333725	22.247	ng/ul	100
45) 2-Nitroaniline	13.745	65	425795	23.849	ng/ul	97
47) Dimethylphthalate	14.092	163	1620532	21.509	ng/ul	100
48) 2,6-Dinitrotoluene	14.234	165	313956	21.457	ng/ul	95
50) Acenaphthylene	14.357	152	2072309	22.334	ng/ul	100
51) 3-Nitroaniline	14.569	138	266370	18.242	ng/ul	95
52) Acenaphthene	14.692	153	1434963	22.166	ng/ul	100
53) 2,4-Dinitrophenol	14.769	184	166975	18.406	ng/ul	93
55) 4-Nitrophenol	14.857	109	243948	21.731	ng/ul	96
56) Dibenzofuran	15.028	168	1960700	22.027	ng/ul	99
57) 2,4-Dinitrotoluene	15.016	165	461844	21.989	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.245	232	343956	20.269	ng/ul	98
59) Diethylphthalate	15.445	149	1629255	21.640	ng/ul	100
61) Fluorene	15.681	166	1621970	22.101	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.669	204	749581	21.135	ng/ul	95
63) 4-Nitroaniline	15.739	138	208259	16.222	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.763	198	227485	18.224	ng/ul#	86
67) N-Nitrosodiphenylamine	15.892	169	1319235	22.098	ng/ul	100
68) 4-Bromophenyl-phenylether	16.575	248	404337	20.528	ng/ul	98
69) Hexachlorobenzene	16.657	284	434526	20.125	ng/ul	95
70) Atrazine	16.851	200	431205	21.096	ng/ul	99
71) Pentachlorophenol	17.022	266	255824	18.169	ng/ul	99
72) Phenanthrene	17.439	178	2407623	21.885	ng/ul	99
74) Anthracene	17.533	178	2446091	22.118	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.416	216	617361	21.891	ng/ul	99
76) Pentachlorobenzene	14.922	250	565935	20.833	ng/ul	99
77) Carbazole	17.816	167	2232009	22.459	ng/ul	99
78) Di-n-butylphthalate	18.328	149	2706309	22.228	ng/ul	99
80) Fluoranthene	19.404	202	2641806	21.536	ng/ul	99
82) Pyrene	19.757	202	2777426	21.807	ng/ul	96
83) Butylbenzylphthalate	20.616	149	1213705	23.043	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.416	252	657792	18.377	ng/ul	100
85) Benzo(a)anthracene	21.474	228	2512966	22.122	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.351	149	1733386	23.821	ng/ul	99
87) Chrysene	21.527	228	2331955	21.946	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	2847378	22.673	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	2229766	21.303	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	2216153	21.865	ng/ul	99
93) Benzo(a)pyrene	23.904	252	1902269	21.790	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.704	276	2186988	22.568	ng/ul	97
95) Dibenzo(a,h)anthracene	26.727	278	1823265	22.795	ng/ul	97
96) Benzo(g,h,i)perylene	27.545	276	1682624	22.033	ng/ul	97

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

