

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010316.D
 Acq On : 12 May 2022 09:28
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020796

Quant Time: May 12 23:59:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 01:10:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	172508	20.000	ng/ul	# 0.00
20) Naphthalene-d8	10.710	136	773274	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	537537	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	1171657	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.369	240	1164987	20.000	ng/ul	# 0.00
88) Perylene-d12	23.798	264	1119142	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	34456m	8.485	ng/uL	0.00
4) Pyridine-d5	3.764	84	240967	21.324	ng/ul	0.00
7) Phenol-d5	7.069	99	345129	21.541	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	219662	22.162	ng/ul	0.00
11) 2-Chlorophenol-d4	7.434	132	265894	22.533	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	283459	21.519	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	140190	22.610	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	156661	22.161	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	289133	22.471	ng/ul	0.00
31) 4-Chloroaniline-d4	10.840	131	415254	21.861	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	907283	21.186	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	1124540	22.025	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	161862	19.705	ng/ul	0.00
60) Fluorene-d10	15.528	176	777545	21.510	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	155790	19.417	ng/ul	0.00
73) Anthracene-d10	17.386	188	1238175	21.580	ng/ul	0.00
81) Pyrene-d10	19.616	212	1472797	22.877	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	1328444	22.258	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	34848	8.396	ng/uL#	21
5) Pyridine	3.787	79	251379	21.224	ng/ul#	37
6) Benzaldehyde	7.040	77	227630	25.709	ng/ul	93
8) Phenol	7.099	94	345418	21.384	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.328	93	278946	22.068	ng/ul#	76
12) 2-Chlorophenol	7.469	128	261889	22.099	ng/ul	97
13) 2-Methylphenol	8.346	108	267156	21.790	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.440	45	446118	22.437	ng/ul#	83
16) Acetophenone	8.728	105	441046	21.421	ng/ul#	76
17) N-Nitroso-di-n-propyla...	8.716	70	245420	22.817	ng/ul#	72
18) 4-Methylphenol	8.675	108	294976	21.989	ng/ul	92
19) Hexachloroethane	8.987	117	113274	22.418	ng/ul	83
22) Nitrobenzene	9.105	77	349171	22.185	ng/ul#	84
23) Isophorone	9.634	82	672074	21.803	ng/ul#	97
25) 2-Nitrophenol	9.816	139	160957	22.164	ng/ul#	87
26) 2,4-Dimethylphenol	9.881	107	342540	22.090	ng/ul#	78
27) Bis(2-Chloroethoxy)met...	10.116	93	395272	21.851	ng/ul#	98
29) 2,4-Dichlorophenol	10.357	162	281361	22.385	ng/ul#	84
30) Naphthalene	10.757	128	898074	21.766	ng/ul	97
32) 4-Chloroaniline	10.869	127	411622	21.714	ng/ul	98
33) Hexachlorobutadiene	11.052	225	191895	22.293	ng/ul	96
34) Caprolactam	11.640	113	97228m	20.303	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	334604m	22.123	ng/ul	
36) 2-Methylnaphthalene	12.363	142	642030	21.977	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	646331	21.764	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.734	216	366000	22.149	ng/ul#	93
40) Hexachlorocyclopentadiene	12.716	237	198282	21.525	ng/ul	94
41) 2,4,6-Trichlorophenol	12.969	196	238112	21.972	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.046	196	260673	22.071	ng/ul#	87
43) 1,1'-Biphenyl	13.369	154	881420	21.950	ng/ul#	93
44) 2-Chloronaphthalene	13.410	162	683490	21.976	ng/ul	94
45) 2-Nitroaniline	13.616	65	232556	22.087	ng/ul#	80
47) Dimethylphthalate	13.993	163	883701	21.268	ng/ul#	91
48) 2,6-Dinitrotoluene	14.110	165	186334	21.979	ng/ul	95
50) Acenaphthylene	14.257	152	1123471	21.996	ng/ul	95
51) 3-Nitroaniline	14.440	138	137378	18.521	ng/ul#	84
52) Acenaphthene	14.598	153	719062	21.748	ng/ul	97
53) 2,4-Dinitrophenol	14.645	184	96702	17.431	ng/ul#	73
55) 4-Nitrophenol	14.745	109	136763	19.631	ng/ul#	39
56) Dibenzofuran	14.934	168	1045877	21.617	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	267748	21.586	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.163	232	224284	21.395	ng/ul#	87
59) Diethylphthalate	15.357	149	900870	21.003	ng/ul	93
61) Fluorene	15.587	166	860685	21.478	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.581	204	444998	21.481	ng/ul	99
63) 4-Nitroaniline	15.604	138	127991m	17.462	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.663	198	154188	19.726	ng/ul#	88
67) N-Nitrosodiphenylamine	15.792	169	752053	21.836	ng/ul	95
68) 4-Bromophenyl-phenylether	16.475	248	271153	21.909	ng/ul	93
69) Hexachlorobenzene	16.598	284	305738	21.359	ng/ul#	90
70) Atrazine	16.745	200	292206	21.000	ng/ul	92
71) Pentachlorophenol	16.939	266	187496	19.734	ng/ul#	84
72) Phenanthrene	17.334	178	1385145	21.442	ng/ul	99
74) Anthracene	17.422	178	1408305	21.495	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	384678	22.439	ng/uL#	87
76) Pentachlorobenzene	14.857	250	360838	22.015	ng/uL	91
77) Carbazole	17.692	167	1227822	20.770	ng/ul#	95
78) Di-n-butylphthalate	18.239	149	1553500	20.793	ng/ul#	93
80) Fluoranthene	19.292	202	1677701	22.920	ng/ul	97
82) Pyrene	19.645	202	1724114	22.756	ng/ul	97
83) Butylbenzylphthalate	20.516	149	727191	22.537	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.286	252	498301	20.012	ng/ul#	95
85) Benzo(a)anthracene	21.351	228	1652654	21.700	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.280	149	1072384	22.028	ng/ul#	82
87) Chrysene	21.410	228	1602279	21.228	ng/ul	99
89) Di-n-octyl phthalate	22.210	149	1822746	24.195	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	1636198	22.261	ng/ul	100
91) Benzo(k)fluoranthene	23.110	252	1593983	22.984	ng/ul#	97
93) Benzo(a)pyrene	23.692	252	1584165	22.249	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.339	276	1536652	19.525	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.351	278	1329320	19.756	ng/ul#	94
96) Benzo(g,h,i)perylene	27.109	276	1258247	18.929	ng/ul#	91

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

