

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
 Data File : BP020283.D
 Acq On : 10 May 2024 08:53
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020790

Quant Time: May 10 11:02:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 08 22:57:55 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/13/2024
 Supervised By :mohammad ahmed 05/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	76471	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.381	136	306960	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.287	164	211296	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.145	188	471068	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	498242	20.000	ng/u1	0.00
88) Perylene-d12	25.027	264	575501	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	13820	7.633	ng/uL	0.00
4) Pyridine-d5	3.611	84	89242	16.962	ng/u1	0.00
7) Phenol-d5	6.793	99	113995	17.358	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.958	67	66650	16.707	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.140	132	90436	19.263	ng/u1	-0.02
15) 4-Methylphenol-d8	8.310	113	92168	17.359	ng/u1	-0.01
21) Nitrobenzene-d5	8.763	128	45625m	19.849	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.481	143	52064	19.779	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.022	165	96436	20.076	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	122851	18.274	ng/u1	0.00
46) Dimethylphthalate-d6	13.704	166	286635	18.576	ng/u1	0.00
49) Acenaphthylene-d8	13.975	160	328667	19.282	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	33278	14.033	ng/u1	0.00
60) Fluorene-d10	15.316	176	250194	19.440	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	47694	15.955	ng/u1	0.00
73) Anthracene-d10	17.239	188	400213	19.639	ng/u1	0.00
81) Pyrene-d10	19.651	212	502578	17.256	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.792	264	537654	19.322	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	15324	7.458	ng/uL	93
5) Pyridine	3.628	79	91260	17.149	ng/u1	96
6) Benzaldehyde	6.781	77	63110	19.118	ng/u1	97
8) Phenol	6.822	94	116624	17.206	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.052	93	91011	17.159	ng/u1	98
12) 2-Chlorophenol	7.175	128	92988	18.971	ng/u1	93
13) 2-Methylphenol	8.052	108	88001	17.405	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.122	45	107443	16.239	ng/u1	96
16) Acetophenone	8.434	105	152224	17.274	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.410	70	78135	16.339	ng/u1	95
18) 4-Methylphenol	8.381	108	95053	17.297	ng/u1	100
19) Hexachloroethane	8.652	117	41085	18.329	ng/u1	90
22) Nitrobenzene	8.810	77	121733	18.448	ng/u1	99
23) Isophorone	9.328	82	220547	17.382	ng/u1	99
25) 2-Nitrophenol	9.510	139	54646	20.042	ng/u1	91
26) 2,4-Dimethylphenol	9.569	107	108734	18.279	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.810	93	125559	17.850	ng/u1	97
29) 2,4-Dichlorophenol	10.046	162	92870	19.877	ng/u1	98
30) Naphthalene	10.428	128	303706	19.195	ng/u1	99
32) 4-Chloroaniline	10.569	127	120134	18.274	ng/u1	99
33) Hexachlorobutadiene	10.693	225	71772	19.777	ng/u1	98
34) Caprolactam	11.381	113	30290m	18.567	ng/u1	
35) 4-Chloro-3-methylphenol	11.704	107	107142	18.418	ng/u1	95
36) 2-Methylnaphthalene	12.063	142	206821	18.787	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	211602	19.101	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.434	216	131012	19.881	ng/ul	98
40) Hexachlorocyclopentadiene	12.393	237	59175	16.511	ng/ul	96
41) 2,4,6-Trichlorophenol	12.693	196	82477	19.958	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	85645	19.260	ng/ul	96
43) 1,1'-Biphenyl	13.098	154	277330	18.557	ng/ul	99
44) 2-Chloronaphthalene	13.140	162	225150	18.986	ng/ul	99
45) 2-Nitroaniline	13.381	65	69940	17.780	ng/ul	94
47) Dimethylphthalate	13.751	163	288970	18.541	ng/ul	99
48) 2,6-Dinitrotoluene	13.892	165	60305	19.463	ng/ul	95
50) Acenaphthylene	14.004	152	368086	19.199	ng/ul	100
51) 3-Nitroaniline	14.234	138	54377	18.817	ng/ul	97
52) Acenaphthene	14.357	153	242796	18.845	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	29505	15.514	ng/ul	93
55) 4-Nitrophenol	14.575	109	49086	19.881	ng/ul	93
56) Dibenzofuran	14.704	168	343140	19.365	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	90417	20.297	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.939	232	79052	19.797	ng/ul#	96
59) Diethylphthalate	15.157	149	289705	18.621	ng/ul	100
61) Fluorene	15.375	166	283569	19.260	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.381	204	156497	20.036	ng/ul	95
63) 4-Nitroaniline	15.439	138	51007	21.180	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.498	198	49076	15.744	ng/ul#	94
67) N-Nitrosodiphenylamine	15.604	169	242516	18.490	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	97286	19.066	ng/ul	99
69) Hexachlorobenzene	16.404	284	117612	19.901	ng/ul	97
70) Atrazine	16.616	200	84853	18.245	ng/ul	98
71) Pentachlorophenol	16.786	266	64851	18.155	ng/ul	95
72) Phenanthrene	17.186	178	461953	19.220	ng/ul	99
74) Anthracene	17.281	178	476572	19.495	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.051	216	130862	18.692	ng/ul	99
76) Pentachlorobenzene	14.610	250	132247	18.876	ng/ul	99
77) Carbazole	17.586	167	416503	19.778	ng/ul	99
78) Di-n-butylphthalate	18.175	149	481777	18.874	ng/ul	99
80) Fluoranthene	19.304	202	576071	16.807	ng/ul	98
82) Pyrene	19.680	202	605223	16.971	ng/ul	99
83) Butylbenzylphthalate	20.657	149	237888	17.572	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.563	252	196565	19.385	ng/ul	96
85) Benzo(a)anthracene	21.621	228	648200	19.181	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.574	149	337356	17.274	ng/ul#	98
87) Chrysene	21.698	228	601600	19.207	ng/ul	98
89) Di-n-octyl phthalate	22.880	149	600253	16.286	ng/ul	100
90) Benzo(b)fluoranthene	23.951	252	639408	18.677	ng/ul	99
91) Benzo(k)fluoranthene	24.021	252	653361	18.727	ng/ul	100
93) Benzo(a)pyrene	24.857	252	621110	19.068	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.851	276	766013m	19.183	ng/ul	
95) Dibenzo(a,h)anthracene	28.933	278	641962m	19.437	ng/ul	
96) Benzo(g,h,i)perylene	30.050	276	616427m	19.140	ng/ul	

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

