

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081922\
 Data File : BP011524.D
 Acq On : 20 Aug 2022 01:16
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020751

Quant Time: Aug 20 04:43:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/22/2022
 Supervised By :Sohil Jodhani 08/22/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	113705	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	468076	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.228	164	258951	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.993	188	516553	20.000	ng/u1	-0.01
79) Chrysene-d12	21.122	240	497218	20.000	ng/u1	-0.01
88) Perylene-d12	23.410	264	515753	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	26960	7.358	ng/uL	0.00
4) Pyridine-d5	3.476	84	170447	18.169	ng/u1	0.00
7) Phenol-d5	6.740	99	184636	17.670	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.899	67	119310	17.575	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.087	132	150486	19.581	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	145173	17.358	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	69024	20.483	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.434	143	71407	20.821	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	126093	19.918	ng/u1	0.00
31) 4-Chloroaniline-d4	10.493	131	192400	18.258	ng/u1	0.00
46) Dimethylphthalate-d6	13.652	166	353381	19.294	ng/u1	0.00
49) Acenaphthylene-d8	13.916	160	409427	20.113	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	65281	18.500	ng/u1	0.00
60) Fluorene-d10	15.228	176	294652	19.123	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	48965	17.543	ng/u1	0.00
73) Anthracene-d10	17.093	188	446649	19.524	ng/u1	-0.01
81) Pyrene-d10	19.357	212	496277	19.728	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.263	264	495071	19.733	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	28668	7.503	ng/uL	99
5) Pyridine	3.493	79	169004	18.048	ng/u1	99
6) Benzaldehyde	6.705	77	96522	20.129	ng/u1	99
8) Phenol	6.764	94	189787	17.675	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.993	93	150800	18.003	ng/u1	97
12) 2-Chlorophenol	7.117	128	158544	19.172	ng/u1	96
13) 2-Methylphenol	8.005	108	140375	17.746	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.093	45	213286	17.188	ng/u1	99
16) Acetophenone	8.381	105	230489	16.567	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.369	70	119533	17.273	ng/u1	92
18) 4-Methylphenol	8.340	108	150746	17.213	ng/u1	98
19) Hexachloroethane	8.616	117	72867	19.425	ng/u1	97
22) Nitrobenzene	8.758	77	182549	19.219	ng/u1	95
23) Isophorone	9.287	82	321086	19.257	ng/u1	98
25) 2-Nitrophenol	9.463	139	80261	20.512	ng/u1	97
26) 2,4-Dimethylphenol	9.534	107	177074	19.059	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.775	93	191134	18.965	ng/u1	98
29) 2,4-Dichlorophenol	9.993	162	126823	19.575	ng/u1	95
30) Naphthalene	10.387	128	474908	19.216	ng/u1	98
32) 4-Chloroaniline	10.516	127	195405	17.897	ng/u1	99
33) Hexachlorobutadiene	10.669	225	82931	20.107	ng/u1	99
34) Caprolactam	11.316	113	41103	17.497	ng/u1	92
35) 4-Chloro-3-methylphenol	11.657	107	153947	18.794	ng/u1	96
36) 2-Methylnaphthalene	12.016	142	298689	18.576	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.240	142	303466	18.608	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.387	216	135015	20.542	ng/u1	98
40) Hexachlorocyclopentadiene	12.363	237	65405	16.040	ng/u1	98
41) 2,4,6-Trichlorophenol	12.646	196	89633	21.189	ng/u1	98
42) 2,4,5-Trichlorophenol	12.716	196	96670	20.529	ng/u1	99
43) 1,1'-Biphenyl	13.052	154	383884	19.896	ng/u1	98
44) 2-Chloronaphthalene	13.087	162	292310	20.104	ng/u1	100
45) 2-Nitroaniline	13.310	65	101173	20.388	ng/u1	97
47) Dimethylphthalate	13.699	163	362051	19.126	ng/u1	100
48) 2,6-Dinitrotoluene	13.822	165	68861	20.234	ng/u1	96
50) Acenaphthylene	13.940	152	478935	19.805	ng/u1	99
51) 3-Nitroaniline	14.151	138	70581	19.040	ng/u1	100
52) Acenaphthene	14.287	153	312824	19.313	ng/u1	97
53) 2,4-Dinitrophenol	14.363	184	33457	16.062	ng/u1	99
55) 4-Nitrophenol	14.469	109	74241	17.658	ng/u1	97
56) Dibenzofuran	14.628	168	430129	19.257	ng/u1	98
57) 2,4-Dinitrotoluene	14.616	165	103482	20.311	ng/u1	99
58) 2,3,4,6-Tetrachlorophenol	14.863	232	75060	20.303	ng/u1	94
59) Diethylphthalate	15.075	149	396948	19.146	ng/u1	99
61) Fluorene	15.281	166	349088	19.104	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.287	204	156517	18.960	ng/u1	98
63) 4-Nitroaniline	15.322	138	75807m	21.171	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.381	198	51762	17.928	ng/u1	95
67) N-Nitrosodiphenylamine	15.504	169	297148	19.607	ng/u1	98
68) 4-Bromophenyl-phenylether	16.187	248	89918	19.500	ng/u1	98
69) Hexachlorobenzene	16.287	284	104197	19.607	ng/u1	99
70) Atrazine	16.481	200	108954	19.265	ng/u1	96
71) Pentachlorophenol	16.645	266	61601	18.695	ng/u1	96
72) Phenanthrene	17.040	178	535954	19.169	ng/u1	98
74) Anthracene	17.128	178	546650	19.380	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.004	216	139181	20.961	ng/uL	99
76) Pentachlorobenzene	14.540	250	127535	20.241	ng/uL	98
77) Carbazole	17.410	167	503334	18.971	ng/u1	99
78) Di-n-butylphthalate	17.987	149	675543	20.676	ng/u1	99
80) Fluoranthene	19.028	202	612650	19.803	ng/u1	98
82) Pyrene	19.387	202	632441	19.456	ng/u1	99
83) Butylbenzylphthalate	20.286	149	322308	22.103	ng/u1	94
84) 3,3'-Dichlorobenzidine	21.051	252	170521	18.116	ng/u1	99
85) Benzo(a)anthracene	21.110	228	601819	19.866	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.051	149	487564	22.594	ng/u1	99
87) Chrysene	21.157	228	587699	19.749	ng/u1	99
89) Di-n-octyl phthalate	21.939	149	827708	19.964	ng/u1	100
90) Benzo(b)fluoranthene	22.716	252	641065	19.982	ng/u1	99
91) Benzo(k)fluoranthene	22.757	252	573447	18.730	ng/u1	99
93) Benzo(a)pyrene	23.310	252	610322	19.485	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	25.763	276	698952	20.007	ng/u1	100
95) Dibenzo(a,h)anthracene	25.780	278	592437	19.694	ng/u1	98
96) Benzo(g,h,i)perylene	26.486	276	584716	19.676	ng/u1	99

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

