

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111023\
 Data File : BP018038.D
 Acq On : 10 Nov 2023 22:50
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020666

Quant Time: Nov 10 23:20:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 10 21:55:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/11/2023
 Supervised By :mohammad ahmed 11/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	60943	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	252077	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	158930	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	364912	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	351136	20.000	ng/u1	0.00
88) Perylene-d12	23.933	264	393438	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	13321	7.711	ng/uL	0.00
4) Pyridine-d5	3.664	84	84168	18.685	ng/u1	0.00
7) Phenol-d5	7.016	99	98931	16.815	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.199	67	63693	18.421	ng/u1	0.00
11) 2-Chlorophenol-d4	7.369	132	81705	17.536	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	84537	17.534	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	41046	18.073	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	45635	17.737	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	79506	17.338	ng/u1	0.00
31) 4-Chloroaniline-d4	10.852	131	110429	17.560	ng/u1	0.00
46) Dimethylphthalate-d6	13.946	166	262909	17.929	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	288143	18.041	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	36380	16.602	ng/u1	0.00
60) Fluorene-d10	15.528	176	220148	18.184	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	43655	16.548	ng/u1	0.00
73) Anthracene-d10	17.404	188	352749	17.873	ng/u1	0.00
81) Pyrene-d10	19.657	212	420728	17.938	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.769	264	412557	18.033	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	13850	7.347	ng/uL	98
5) Pyridine	3.687	79	87412	18.803	ng/u1	97
6) Benzaldehyde	7.022	77	67907	21.431	ng/u1	100
8) Phenol	7.046	94	101311	17.455	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.293	93	82103	18.234	ng/u1	98
12) 2-Chlorophenol	7.405	128	83016	17.746	ng/u1	98
13) 2-Methylphenol	8.305	108	75657	17.252	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.363	45	92799m	18.049	ng/u1	
16) Acetophenone	8.711	105	135848	17.726	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.669	70	72207	17.258	ng/u1	96
18) 4-Methylphenol	8.640	108	82271	17.202	ng/u1	92
19) Hexachloroethane	8.905	117	39876	17.816	ng/u1	92
22) Nitrobenzene	9.099	77	112753	18.387	ng/u1	97
23) Isophorone	9.605	82	193615	17.303	ng/u1	98
25) 2-Nitrophenol	9.805	139	48547	18.362	ng/u1	96
26) 2,4-Dimethylphenol	9.840	107	96203	17.105	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.099	93	108012	17.701	ng/u1	98
29) 2,4-Dichlorophenol	10.322	162	77830	17.773	ng/u1	97
30) Naphthalene	10.722	128	275518	17.973	ng/u1	100
32) 4-Chloroaniline	10.875	127	109050	18.104	ng/u1	98
33) Hexachlorobutadiene	10.940	225	58163	18.093	ng/u1	95
34) Caprolactam	11.710	113	24976m	17.169	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	91427	17.354	ng/u1	96
36) 2-Methylnaphthalene	12.340	142	185054	17.583	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	191133	17.673	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	99987	18.623	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	39101	15.088	ng/ul	96
41) 2,4,6-Trichlorophenol	12.957	196	65007	18.457	ng/ul	98
42) 2,4,5-Trichlorophenol	13.034	196	68089	18.369	ng/ul	95
43) 1,1'-Biphenyl	13.357	154	248361	18.378	ng/ul	99
44) 2-Chloronaphthalene	13.404	162	199235	18.569	ng/ul	98
45) 2-Nitroaniline	13.657	65	64261	18.560	ng/ul	97
47) Dimethylphthalate	13.993	163	262593	18.255	ng/ul	98
48) 2,6-Dinitrotoluene	14.151	165	51627	18.057	ng/ul	97
50) Acenaphthylene	14.251	152	329481	18.272	ng/ul	100
51) 3-Nitroaniline	14.498	138	49083	18.500	ng/ul	98
52) Acenaphthene	14.593	153	219321	18.342	ng/ul	97
53) 2,4-Dinitrophenol	14.716	184	22053	14.139	ng/ul	94
55) 4-Nitrophenol	14.798	109	53899	18.530	ng/ul	96
56) Dibenzofuran	14.928	168	304185	18.563	ng/ul	95
57) 2,4-Dinitrotoluene	14.945	165	76813	17.982	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.157	232	60262	18.276	ng/ul	97
59) Diethylphthalate	15.351	149	270272	17.984	ng/ul	100
61) Fluorene	15.581	166	252084	18.120	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.575	204	123803	18.160	ng/ul	98
63) 4-Nitroaniline	15.669	138	47490	18.969	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.698	198	45525	16.631	ng/ul#	99
67) N-Nitrosodiphenylamine	15.804	169	213326	18.229	ng/ul	99
68) 4-Bromophenyl-phenylether	16.481	248	72678	17.671	ng/ul	91
69) Hexachlorobenzene	16.563	284	81340	17.724	ng/ul	96
70) Atrazine	16.763	200	75372	18.463	ng/ul	97
71) Pentachlorophenol	16.939	266	47482	17.044	ng/ul	97
72) Phenanthrene	17.351	178	406116	18.126	ng/ul	99
74) Anthracene	17.445	178	413423	18.081	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.310	216	99812	17.912	ng/uL	98
76) Pentachlorobenzene	14.822	250	98410	18.040	ng/uL	98
77) Carbazole	17.739	167	369370	18.603	ng/ul	99
78) Di-n-butylphthalate	18.245	149	434033	17.228	ng/ul	99
80) Fluoranthene	19.328	202	486497	17.761	ng/ul	99
82) Pyrene	19.686	202	511965	17.837	ng/ul	99
83) Butylbenzylphthalate	20.551	149	207342	17.177	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.363	252	156886	18.701	ng/ul	98
85) Benzo(a)anthracene	21.416	228	521099	18.379	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	272913	16.398	ng/ul	99
87) Chrysene	21.469	228	482148	18.176	ng/ul	98
89) Di-n-octyl phthalate	22.257	149	475324	16.155	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	495981	17.714	ng/ul	99
91) Benzo(k)fluoranthene	23.210	252	509375	18.082	ng/ul	100
93) Benzo(a)pyrene	23.821	252	475288	17.975	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.592	276	580372	18.300	ng/ul	99
95) Dibenzo(a,h)anthracene	26.615	278	473442	18.130	ng/ul	100
96) Benzo(g,h,i)perylene	27.415	276	468456	18.468	ng/ul	97

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

