

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111423\
 Data File : BP018173.D
 Acq On : 15 Nov 2023 01:44
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020678

Quant Time: Nov 15 05:31:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP111023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 13 15:50:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/16/2023
 Supervised By :mohammad ahmed 11/16/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	83406	20.000	ng/u1	0.00
20) Naphthalene-d8	10.604	136	348414	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.463	164	227834	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.245	188	507736	20.000	ng/u1	-0.01
79) Chrysene-d12	21.374	240	473255	20.000	ng/u1	-0.02
88) Perylene-d12	23.845	264	496267	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	18632	7.880	ng/uL	0.00
4) Pyridine-d5	3.593	84	106732	17.313	ng/u1	-0.01
7) Phenol-d5	6.952	99	148165	18.400	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	96931	20.484	ng/u1	0.00
11) 2-Chlorophenol-d4	7.305	132	121558	19.063	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	122911	18.628	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	59147	18.842	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	69265	19.477	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.228	165	119083	18.788	ng/u1	0.00
31) 4-Chloroaniline-d4	10.781	131	165518	19.042	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	405090	19.270	ng/u1	-0.01
49) Acenaphthylene-d8	14.163	160	436369	19.058	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	43038	13.701	ng/u1	-0.01
60) Fluorene-d10	15.469	176	335114	19.308	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	57662	15.709	ng/u1	-0.04
73) Anthracene-d10	17.345	188	522418	19.024	ng/u1	-0.01
81) Pyrene-d10	19.604	212	611599	19.347	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.680	264	571473	19.804	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	20202	7.830	ng/uL	93
5) Pyridine	3.611	79	115776	18.197	ng/u1	97
6) Benzaldehyde	6.958	77	100515	23.178	ng/u1	98
8) Phenol	6.981	94	147655	18.588	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	121670	19.743	ng/u1	98
12) 2-Chlorophenol	7.340	128	123363	19.269	ng/u1	99
13) 2-Methylphenol	8.240	108	113049	18.836	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.299	45	146054m	20.756	ng/u1	
16) Acetophenone	8.646	105	197812	18.860	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.605	70	106849	18.659	ng/u1	94
18) 4-Methylphenol	8.575	108	118202	18.059	ng/u1	98
19) Hexachloroethane	8.834	117	59670	19.480	ng/u1	92
22) Nitrobenzene	9.034	77	167003	19.703	ng/u1	94
23) Isophorone	9.540	82	293470	18.975	ng/u1	99
25) 2-Nitrophenol	9.740	139	71866	19.666	ng/u1	96
26) 2,4-Dimethylphenol	9.781	107	146385	18.831	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.034	93	170061	20.164	ng/u1	99
29) 2,4-Dichlorophenol	10.257	162	117405	19.398	ng/u1	93
30) Naphthalene	10.651	128	409921	19.346	ng/u1	99
32) 4-Chloroaniline	10.810	127	157215	18.883	ng/u1	100
33) Hexachlorobutadiene	10.869	225	86897	19.557	ng/u1	98
34) Caprolactam	11.634	113	33834	16.827	ng/u1	99
35) 4-Chloro-3-methylphenol	11.922	107	139855	19.206	ng/u1	96
36) 2-Methylnaphthalene	12.275	142	281980	19.384	ng/u1	99

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37) 1-Methylnaphthalene	12.493	142	286048	19.136	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.628	216	153470	19.940	ng/ul	97
40) Hexachlorocyclopentadiene	12.563	237	26883	7.236	ng/ul	99
41) 2,4,6-Trichlorophenol	12.893	196	89989	17.823	ng/ul	97
42) 2,4,5-Trichlorophenol	12.975	196	94531	17.790	ng/ul	97
43) 1,1'-Biphenyl	13.293	154	374377	19.324	ng/ul	100
44) 2-Chloronaphthalene	13.340	162	299651	19.482	ng/ul	99
45) 2-Nitroaniline	13.598	65	95335	19.207	ng/ul	95
47) Dimethylphthalate	13.934	163	398325	19.316	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	77626	18.939	ng/ul	96
50) Acenaphthylene	14.192	152	490337	18.968	ng/ul	99
51) 3-Nitroaniline	14.440	138	72493	19.060	ng/ul	94
52) Acenaphthene	14.528	153	327484	19.105	ng/ul	99
53) 2,4-Dinitrophenol	14.669	184	10835	4.846	ng/ul	96
55) 4-Nitrophenol	14.740	109	68362	16.395	ng/ul	95
56) Dibenzofuran	14.869	168	454851	19.363	ng/ul	94
57) 2,4-Dinitrotoluene	14.887	165	116517	19.027	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.098	232	78170	16.537	ng/ul	98
59) Diethylphthalate	15.292	149	427978	19.865	ng/ul	100
61) Fluorene	15.522	166	380424	19.075	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.516	204	190387	19.481	ng/ul	96
63) 4-Nitroaniline	15.616	138	69555	19.380	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.639	198	57039	14.976	ng/ul	92
67) N-Nitrosodiphenylamine	15.751	169	317959	19.527	ng/ul	99
68) 4-Bromophenyl-phenylether	16.422	248	112634	19.682	ng/ul	91
69) Hexachlorobenzene	16.504	284	122003	19.106	ng/ul	98
70) Atrazine	16.710	200	113319	19.950	ng/ul	99
71) Pentachlorophenol	16.881	266	26280m	6.780	ng/ul	
72) Phenanthrene	17.286	178	606159	19.444	ng/ul	100
74) Anthracene	17.381	178	611196	19.212	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.245	216	151207	19.502	ng/uL	100
76) Pentachlorobenzene	14.763	250	145929	19.226	ng/uL	98
77) Carbazole	17.681	167	539315	19.521	ng/ul	99
78) Di-n-butylphthalate	18.186	149	741595	21.156	ng/ul	97
80) Fluoranthene	19.275	202	722122	19.560	ng/ul	100
82) Pyrene	19.633	202	744845	19.254	ng/ul	99
83) Butylbenzylphthalate	20.504	149	345369	21.229	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.310	252	226070	19.994	ng/ul	96
85) Benzo(a)anthracene	21.357	228	747080	19.550	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.239	149	508907	22.688	ng/ul	98
87) Chrysene	21.416	228	689496	19.286	ng/ul	97
89) Di-n-octyl phthalate	22.192	149	872456	23.508	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	716073	20.275	ng/ul	100
91) Benzo(k)fluoranthene	23.127	252	696008	19.587	ng/ul	99
93) Benzo(a)pyrene	23.733	252	662127	19.852	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	762841	19.070	ng/ul	97
95) Dibenzo(a,h)anthracene	26.486	278	635057	19.280	ng/ul	98
96) Benzo(g,h,i)perylene	27.274	276	603767	18.870	ng/ul	95

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

