

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042922\
 Data File : BP010159.D
 Acq On : 29 Apr 2022 20:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020781

Quant Time: Apr 30 00:32:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2022
 Supervised By :Yogesh Patel 05/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	153893	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.728	136	625736	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.557	164	390722	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.310	188	761654	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.398	240	641218	20.000	ng/u1	#-0.01
88) Perylene-d12	23.845	264	587577	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	31862m	9.028	ng/uL	-0.01
4) Pyridine-d5	3.775	84	201137	20.259	ng/u1	-0.01
7) Phenol-d5	7.087	99	282641	20.192	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.252	67	177156	21.092	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.458	132	225894	21.790	ng/u1	-0.01
15) 4-Methylphenol-d8	8.634	113	226070	19.493	ng/u1	-0.02
21) Nitrobenzene-d5	9.087	128	110322	22.167	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.810	143	122766	22.587	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.352	165	222839	21.060	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.863	131	294058	19.382	ng/u1	-0.02
46) Dimethylphthalate-d6	13.969	166	633956	20.858	ng/u1	-0.01
49) Acenaphthylene-d8	14.251	160	808141	21.969	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.757	143	98907m	17.676	ng/u1	0.00
60) Fluorene-d10	15.551	176	541183	20.699	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.669	200	96015	19.936	ng/u1	-0.01
73) Anthracene-d10	17.410	188	793253	21.528	ng/u1	-0.01
81) Pyrene-d10	19.645	212	862357	23.648	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.686	264	690122	22.404	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	31599	8.616	ng/uL#	26
5) Pyridine	3.799	79	214887	20.822	ng/u1#	50
6) Benzaldehyde	7.063	77	166477	22.255	ng/u1	97
8) Phenol	7.116	94	285540	20.301	ng/u1#	96
10) Bis(2-Chloroethyl)ether	7.346	93	231401	21.354	ng/u1#	79
12) 2-Chlorophenol	7.487	128	224737	21.492	ng/u1	94
13) 2-Methylphenol	8.369	108	216227	20.045	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.458	45	338089	21.026	ng/u1#	85
16) Acetophenone	8.746	105	355428	19.643	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.734	70	186154	19.636	ng/u1#	73
18) 4-Methylphenol	8.699	108	233768	19.683	ng/u1	94
19) Hexachloroethane	9.010	117	94183	21.435	ng/u1	85
22) Nitrobenzene	9.128	77	275737	22.614	ng/u1#	86
23) Isophorone	9.657	82	499945	20.759	ng/u1#	97
25) 2-Nitrophenol	9.840	139	128429	22.310	ng/u1#	84
26) 2,4-Dimethylphenol	9.905	107	269316	21.609	ng/u1#	79
27) Bis(2-Chloroethoxy)met...	10.140	93	301760	21.377	ng/u1#	98
29) 2,4-Dichlorophenol	10.381	162	217606	21.394	ng/u1#	83
30) Naphthalene	10.781	128	726281	22.176	ng/u1	97
32) 4-Chloroaniline	10.893	127	289837	19.386	ng/u1	97
33) Hexachlorobutadiene	11.075	225	157766	21.885	ng/u1	96
34) Caprolactam	11.663	113	63552m	17.370	ng/u1	
35) 4-Chloro-3-methylphenol	12.016	107	237260	19.309	ng/u1#	69
36) 2-Methylnaphthalene	12.387	142	488874	20.582	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	497134	20.613	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.757	216	282428	23.396	ng/ul#	92
40) Hexachlorocyclopentadiene	12.740	237	162140	23.834	ng/ul	97
41) 2,4,6-Trichlorophenol	12.993	196	175578	22.480	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.069	196	182332	21.456	ng/ul#	87
43) 1,1'-Biphenyl	13.393	154	660651	22.925	ng/ul	94
44) 2-Chloronaphthalene	13.434	162	511533	22.937	ng/ul	93
45) 2-Nitroaniline	13.634	65	149504	20.674	ng/ul#	78
47) Dimethylphthalate	14.016	163	614932	20.818	ng/ul#	91
48) 2,6-Dinitrotoluene	14.134	165	126586	20.882	ng/ul	89
50) Acenaphthylene	14.281	152	811740	22.278	ng/ul	95
51) 3-Nitroaniline	14.457	138	75862	13.815	ng/ul#	83
52) Acenaphthene	14.622	153	515006	21.737	ng/ul	96
53) 2,4-Dinitrophenol	14.669	184	52250	15.425	ng/ul#	82
55) 4-Nitrophenol	14.769	109	79479	16.349	ng/ul#	37
56) Dibenzofuran	14.957	168	742716	21.170	ng/ul	99
57) 2,4-Dinitrotoluene	14.922	165	174442	19.698	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.187	232	151172	20.012	ng/ul#	87
59) Diethylphthalate	15.381	149	597492	19.886	ng/ul	93
61) Fluorene	15.610	166	598099	20.764	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.598	204	312955	20.644	ng/ul	98
63) 4-Nitroaniline	15.622	138	65892m	12.331	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.687	198	93783	20.183	ng/ul#	95
67) N-Nitrosodiphenylamine	15.816	169	505710	23.141	ng/ul	94
68) 4-Bromophenyl-phenylether	16.498	248	182668	22.484	ng/ul	93
69) Hexachlorobenzene	16.622	284	207901	22.047	ng/ul#	93
70) Atrazine	16.769	200	181536	20.432	ng/ul#	86
71) Pentachlorophenol	16.963	266	103688	17.266	ng/ul#	83
72) Phenanthrene	17.351	178	893859	21.592	ng/ul	99
74) Anthracene	17.445	178	904125	21.683	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	292837	26.336	ng/uL#	87
76) Pentachlorobenzene	14.881	250	262252	24.051	ng/uL	90
77) Carbazole	17.716	167	748332	20.281	ng/ul#	96
78) Di-n-butylphthalate	18.263	149	948182	20.887	ng/ul#	93
80) Fluoranthene	19.316	202	999262	24.294	ng/ul	98
82) Pyrene	19.669	202	1015612	23.966	ng/ul	95
83) Butylbenzylphthalate	20.539	149	392984	22.435	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.310	252	246393	21.356	ng/ul#	99
85) Benzo(a)anthracene	21.380	228	886546	21.786	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.304	149	554007	21.339	ng/ul#	82
87) Chrysene	21.433	228	859379	21.448	ng/ul	99
89) Di-n-octyl phthalate	22.245	149	899856	19.700	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	840046	21.266	ng/ul	100
91) Benzo(k)fluoranthene	23.151	252	831729	22.228	ng/ul#	97
93) Benzo(a)pyrene	23.739	252	827520	22.654	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.404	276	921558	25.361	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.421	278	784771	25.239	ng/ul#	96
96) Benzo(g,h,i)perylene	27.192	276	802853	26.184	ng/ul#	89

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

