

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081122\
 Data File : BP011379.D
 Acq On : 11 Aug 2022 10:26
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020738

Quant Time: Aug 11 13:57:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 08 18:47:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/11/2022
 Supervised By :Sohil Jodhani 08/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	92033	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.375	136	395450	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.257	164	234307	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.028	188	483090	20.000	ng/ul	-0.01
79) Chrysene-d12	21.163	240	486689	20.000	ng/ul	# 0.00
88) Perylene-d12	23.468	264	497988	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	25996	8.659	ng/uL	0.00
4) Pyridine-d5	3.499	84	150933	19.931	ng/ul	0.00
7) Phenol-d5	6.769	99	164136	20.153	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	117194	20.293	ng/ul	0.00
11) 2-Chlorophenol-d4	7.116	132	141449	22.134	ng/ul	0.00
15) 4-Methylphenol-d8	8.305	113	137755	21.541	ng/ul	-0.01
21) Nitrobenzene-d5	8.746	128	64888	24.110	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.463	143	65212	26.465	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.999	165	119125	23.940	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.528	131	189825	21.820	ng/ul	0.00
46) Dimethylphthalate-d6	13.681	166	376065	23.132	ng/ul	0.00
49) Acenaphthylene-d8	13.945	160	442387	22.605	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.487	143	63035	21.229	ng/ul	0.00
60) Fluorene-d10	15.263	176	315154	22.668	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.392	200	49309	21.975	ng/ul	0.00
73) Anthracene-d10	17.128	188	479572	22.086	ng/ul	-0.01
81) Pyrene-d10	19.392	212	556993	20.773	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.321	264	550019	21.901	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	26514	8.315	ng/uL#	83
5) Pyridine	3.517	79	157853	20.012	ng/ul#	80
6) Benzaldehyde	6.734	77	51743	14.578	ng/ul	98
8) Phenol	6.793	94	178042	20.195	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.022	93	144544	20.358	ng/ul	97
12) 2-Chlorophenol	7.146	128	148230	22.260	ng/ul	98
13) 2-Methylphenol	8.040	108	131988	20.788	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.122	45	218047m	20.476	ng/ul	
16) Acetophenone	8.416	105	227217	21.960	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.405	70	119598	23.464	ng/ul	99
18) 4-Methylphenol	8.369	108	143088	21.025	ng/ul	98
19) Hexachloroethane	8.646	117	69116	24.582	ng/ul	95
22) Nitrobenzene	8.787	77	182921	24.279	ng/ul	98
23) Isophorone	9.316	82	311877	22.567	ng/ul	97
25) 2-Nitrophenol	9.499	139	74841	26.062	ng/ul#	86
26) 2,4-Dimethylphenol	9.563	107	175154	24.139	ng/ul	92
27) Bis(2-Chloroethoxy)met...	9.804	93	185890	21.048	ng/ul	99
29) 2,4-Dichlorophenol	10.028	162	124146	23.858	ng/ul	98
30) Naphthalene	10.422	128	469189	21.808	ng/ul	99
32) 4-Chloroaniline	10.551	127	189833	21.770	ng/ul	99
33) Hexachlorobutadiene	10.704	225	80707	25.281	ng/ul	99
34) Caprolactam	11.346	113	38305	22.013	ng/ul	94
35) 4-Chloro-3-methylphenol	11.693	107	148490	24.270	ng/ul	96
36) 2-Methylnaphthalene	12.051	142	300801	22.555	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.275	142	302586	22.368	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.422	216	135605	21.984	ng/ul	97
40) Hexachlorocyclopentadiene	12.398	237	70832	21.429	ng/ul	97
41) 2,4,6-Trichlorophenol	12.675	196	86860	23.273	ng/ul	99
42) 2,4,5-Trichlorophenol	12.745	196	93917	23.577	ng/ul	100
43) 1,1'-Biphenyl	13.081	154	389348	21.161	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	292958	21.222	ng/ul	97
45) 2-Nitroaniline	13.345	65	97305	27.753	ng/ul	96
47) Dimethylphthalate	13.728	163	381231	23.152	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	69085	26.833	ng/ul	98
50) Acenaphthylene	13.975	152	495075	21.946	ng/ul	100
51) 3-Nitroaniline	14.181	138	48819	17.237	ng/ul	99
52) Acenaphthene	14.322	153	330883	21.993	ng/ul	99
53) 2,4-Dinitrophenol	14.392	184	30485	19.956	ng/ul#	85
55) 4-Nitrophenol	14.498	109	76093	27.624	ng/ul#	70
56) Dibenzofuran	14.663	168	448581	21.993	ng/ul	93
57) 2,4-Dinitrotoluene	14.645	165	103672	26.271	ng/ul	86
58) 2,3,4,6-Tetrachlorophenol	14.892	232	75805	24.462	ng/ul	93
59) Diethylphthalate	15.110	149	429056	25.152	ng/ul	98
61) Fluorene	15.316	166	372353	22.479	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.316	204	165474	22.853	ng/ul	89
63) 4-Nitroaniline	15.357	138	50662m	18.383	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.410	198	51951	22.484	ng/ul#	92
67) N-Nitrosodiphenylamine	15.539	169	309226	21.722	ng/ul	99
68) 4-Bromophenyl-phenylether	16.222	248	94465	22.097	ng/ul	90
69) Hexachlorobenzene	16.322	284	112072	22.440	ng/ul	93
70) Atrazine	16.510	200	112188	23.643	ng/ul	98
71) Pentachlorophenol	16.675	266	62759	21.646	ng/ul	96
72) Phenanthrene	17.075	178	582183	21.492	ng/ul	100
74) Anthracene	17.163	178	589256	21.851	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.040	216	140896	20.316	ng/uL	98
76) Pentachlorobenzene	14.575	250	132748	21.979	ng/uL	99
77) Carbazole	17.445	167	547578	21.730	ng/ul	98
78) Di-n-butylphthalate	18.022	149	723901	26.271	ng/ul	100
80) Fluoranthene	19.063	202	671741	20.582	ng/ul	95
82) Pyrene	19.422	202	702657	20.398	ng/ul#	92
83) Butylbenzylphthalate	20.322	149	329280	29.996	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.086	252	180906	20.424	ng/ul	99
85) Benzo(a)anthracene	21.145	228	666438	21.344	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.086	149	483047	27.411	ng/ul	99
87) Chrysene	21.198	228	664599	21.502	ng/ul	99
89) Di-n-octyl phthalate	21.986	149	838429	24.266	ng/ul	100
90) Benzo(b)fluoranthene	22.768	252	699083	21.329	ng/ul	98
91) Benzo(k)fluoranthene	22.816	252	658875	20.546	ng/ul	98
93) Benzo(a)pyrene	23.368	252	681353	21.554	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	25.851	276	756715	21.653	ng/ul	94
95) Dibenzo(a,h)anthracene	25.874	278	651888	21.933	ng/ul#	95
96) Benzo(g,h,i)perylene	26.586	276	645314	21.883	ng/ul	96

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

