

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061421\
 Data File : BN014898.D
 Acq On : 14 Jun 2021 09:11
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020058

Manual Integrations
 APPROVED

mohammad
 6/15/2021 2:41:38 PM

Quant Time: Jun 14 10:46:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061221MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 14 10:46:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	113610	20.000	ng/u1	0.00
20) Naphthalene-d8	10.475	136	409135	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.340	164	297402	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	670007	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.298	240	895027	20.000	ng/u1	0.00
88) Perylene-d12	23.551	264	1018494	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	16403	7.678	ng/uL	0.00
4) Pyridine-d5	3.611	84	84792	17.062	ng/u1	0.00
7) Phenol-d5	6.864	99	152732	17.947	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	75725	18.783	ng/u1	0.00
11) 2-Chlorophenol-d4	7.222	132	123269	18.892	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	127661	17.603	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	64587	21.037	ng/u1	0.00
24) 2-Nitrophenol-d4	9.558	143	69742	20.031	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	142358	20.308	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	159710	19.237	ng/u1	0.00
46) Dimethylphthalate-d6	13.751	166	464867	19.662	ng/u1	0.00
49) Acenaphthylene-d8	14.028	160	524113	20.281	ng/u1	0.00
54) 4-Nitrophenol-d4	14.551	143	56462	17.001	ng/u1	0.00
60) Fluorene-d10	15.340	176	393277	20.391	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	75874	18.945	ng/u1	0.00
73) Anthracene-d10	17.192	188	636908	21.005	ng/u1	0.00
81) Pyrene-d10	19.498	212	805774	19.519	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.410	264	1043079	20.492	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	17531	7.357	ng/uL	90
5) Pyridine	3.628	79	93745	18.187	ng/u1#	79
6) Benzaldehyde	6.834	77	86922	20.324	ng/u1	91
8) Phenol	6.893	94	152642	18.078	ng/u1#	80
10) Bis(2-Chloroethyl)ether	7.116	93	115908	18.192	ng/u1	96
12) 2-Chlorophenol	7.258	128	123213	17.775	ng/u1	92
13) 2-Methylphenol	8.128	108	122910	18.380	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.222	45	76761m	18.516	ng/u1	
16) Acetophenone	8.505	105	225207	19.299	ng/u1	88
17) N-Nitroso-di-n-propyla...	8.493	70	103475	18.761	ng/u1	95
18) 4-Methylphenol	8.463	108	129648	18.021	ng/u1	93
19) Hexachloroethane	8.758	117	63471	17.646	ng/u1	89
22) Nitrobenzene	8.881	77	171221	20.908	ng/u1	96
23) Isophorone	9.405	82	285973	19.362	ng/u1#	93
25) 2-Nitrophenol	9.593	139	68009	19.290	ng/u1#	85
26) 2,4-Dimethylphenol	9.652	107	186393	19.658	ng/u1	91
27) Bis(2-Chloroethoxy)met...	9.893	93	160280	19.841	ng/u1#	93
29) 2,4-Dichlorophenol	10.128	162	138961	20.848	ng/u1	92
30) Naphthalene	10.522	128	401216	19.540	ng/u1	97
32) 4-Chloroaniline	10.634	127	159051	19.402	ng/u1	91
33) Hexachlorobutadiene	10.810	225	142665	21.700	ng/u1	87
34) Caprolactam	11.399	113	35072m	17.040	ng/u1	
35) 4-Chloro-3-methylphenol	11.769	107	174401	20.161	ng/u1	100
36) 2-Methylnaphthalene	12.146	142	304747	20.242	ng/u1	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.363	142	300381	19.762	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.522	216	212294	20.541	ng/ul	96
40) Hexachlorocyclopentadiene	12.499	237	154065	20.109	ng/ul	99
41) 2,4,6-Trichlorophenol	12.763	196	118182	19.706	ng/ul	83
42) 2,4,5-Trichlorophenol	12.840	196	128899	19.542	ng/ul	93
43) 1,1'-Biphenyl	13.169	154	411369	20.136	ng/ul	96
44) 2-Chloronaphthalene	13.204	162	322351	19.757	ng/ul	99
45) 2-Nitroaniline	13.416	65	95860	20.063	ng/ul	97
47) Dimethylphthalate	13.798	163	437618	19.639	ng/ul	96
48) 2,6-Dinitrotoluene	13.916	165	90300	20.917	ng/ul	95
50) Acenaphthylene	14.057	152	464474	19.819	ng/ul	96
51) 3-Nitroaniline	14.246	138	66791	18.709	ng/ul	84
52) Acenaphthene	14.404	153	344212	19.772	ng/ul	96
53) 2,4-Dinitrophenol	14.457	184	42874	18.014	ng/ul	91
55) 4-Nitrophenol	14.569	109	101270	18.276	ng/ul	90
56) Dibenzofuran	14.740	168	503406m	19.847	ng/ul	
57) 2,4-Dinitrotoluene	14.710	165	144752	21.650	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.969	232	123892	19.892	ng/ul#	94
59) Diethylphthalate	15.175	149	436244	19.264	ng/ul	96
61) Fluorene	15.398	166	410324	20.231	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.393	204	228514	20.266	ng/ul	89
63) 4-Nitroaniline	15.410	138	64438	18.332	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.475	198	76329	19.526	ng/ul#	84
67) N-Nitrosodiphenylamine	15.604	169	359922	20.695	ng/ul	98
68) 4-Bromophenyl-phenylether	16.287	248	166068	20.634	ng/ul#	75
69) Hexachlorobenzene	16.404	284	206969	19.856	ng/ul	97
70) Atrazine	16.563	200	160080	20.346	ng/ul	93
71) Pentachlorophenol	16.751	266	103109m	20.191	ng/ul	
72) Phenanthrene	17.139	178	693829	20.691	ng/ul	98
74) Anthracene	17.228	178	708823	20.951	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.128	216	208792	20.520	ng/uL	96
76) Pentachlorobenzene	14.663	250	229386	20.479	ng/uL	98
77) Carbazole	17.498	167	588180	20.802	ng/ul	94
78) Di-n-butylphthalate	18.075	149	745607	21.132	ng/ul	97
80) Fluoranthene	19.163	202	920177	19.396	ng/ul#	93
82) Pyrene	19.528	202	970420	19.288	ng/ul#	94
83) Butylbenzylphthalate	20.439	149	354101	19.098	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.222	252	343346	20.933	ng/ul	97
85) Benzo(a)anthracene	21.280	228	1032721	19.699	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.222	149	552095	20.212	ng/ul	98
87) Chrysene	21.333	228	1068479	20.566	ng/ul	96
89) Di-n-octyl phthalate	22.104	149	1033209	19.430	ng/ul	100
90) Benzo(b)fluoranthene	22.874	252	1253736	21.185	ng/ul	99
91) Benzo(k)fluoranthene	22.922	252	1186518	20.395	ng/ul	96
93) Benzo(a)pyrene	23.457	252	1107132	20.598	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.833	276	1445222	20.875	ng/ul	98
95) Dibenzo(a,h)anthracene	25.839	278	1186476	20.939	ng/ul	99
96) Benzo(g,h,i)perylene	26.515	276	1262994m	20.773	ng/ul	

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

