

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100520\
 Data File : BN012091.D
 Acq On : 06 Oct 2020 16:17
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02063

Manual Integrations
 APPROVED

mohammad
 10/7/2020 10:37:22 AM

Quant Time: Oct 06 16:47:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 02 16:22:43 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	392716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.428	136	1693377	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.298	164	1075353	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	2224701	20.00	ng/ul	0.00
78) Chrysene-d12	21.251	240	2148150	20.00	ng/ul	0.00
86) Perylene-d12	23.463	264	2281222	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	74809	8.29	ng/uL	0.00
5) Phenol-d5	6.834	99	689519	21.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.993	67	417351	20.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.193	132	537415	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.363	113	570613	22.12	ng/ul	0.00
19) Nitrobenzene-d5	8.805	128	277520	20.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.522	143	319097	21.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.057	165	572152	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.569	131	702448	21.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.710	166	1654659	19.62	ng/ul	0.00
47) Acenaphthylene-d8	13.987	160	2006571	19.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.510	143	321958	20.73	ng/ul	0.01
58) Fluorene-d10	15.298	176	1327577	18.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.422	200	240866	16.96	ng/ul	0.00
71) Anthracene-d10	17.145	188	2074349	19.23	ng/ul	0.00
79) Pyrene-d10	19.451	212	2086963	18.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.327	264	2297139	17.94	ng/ul	0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.223	88	78172	6.90	ng/uL#	93
4) Benzaldehyde	6.805	77	443261	23.49	ng/ul	93
6) Phenol	6.858	94	747296	21.92	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.087	93	573823	20.72	ng/ul	99
10) 2-Chlorophenol	7.222	128	572524	20.89	ng/ul	99
11) 2-Methylphenol	8.099	108	555894	21.95	ng/ul	99
12) 2,2'-oxybis(1-Chloropr...	8.175	45	752078	21.05	ng/ul	98
14) Acetophenone	8.469	105	914016	22.23	ng/ul	98
15) N-Nitroso-di-n-propyla...	8.458	70	488094	23.65	ng/ul	97
16) 4-Methylphenol	8.422	108	595306	21.92	ng/ul	88
17) Hexachloroethane	8.722	117	240314	19.27	ng/ul	90
20) Nitrobenzene	8.846	77	694580	18.69	ng/ul	95
21) Isophorone	9.369	82	1332546	21.39	ng/ul	99
23) 2-Nitrophenol	9.552	139	341193	21.21	ng/ul	93
24) 2,4-Dimethylphenol	9.616	107	695152	19.92	ng/ul	97
25) Bis(2-Chloroethoxy)met...	9.852	93	793399	20.30	ng/ul	96
27) 2,4-Dichlorophenol	10.087	162	555369	19.67	ng/ul	96
28) Naphthalene	10.481	128	1826023	18.84	ng/ul	99
30) 4-Chloroaniline	10.593	127	729757	22.04	ng/ul	100
31) Hexachlorobutadiene	10.769	225	335597	17.55	ng/ul	97
32) Caprolactam	11.381	113	208650m	26.79	ng/ul	
33) 4-Chloro-3-methylphenol	11.728	107	669848	21.83	ng/ul	96
34) 2-Methylnaphthalene	12.099	142	1336332	20.06	ng/ul	93
35) 1-Methylnaphthalene	12.322	142	1245742	18.93	ng/uL	99
37) 1,2,4,5-Tetrachloroben...	12.475	216	646770	18.57	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.451	237	404156	16.41	ng/ul	92
39) 2,4,6-Trichlorophenol	12.716	196	453917	20.78	ng/ul	93
40) 2,4,5-Trichlorophenol	12.793	196	497747	21.13	ng/ul	98
41) 1,1'-Biphenyl	13.128	154	1698311	19.07	ng/ul	99
42) 2-Chloronaphthalene	13.163	162	1321526	18.63	ng/ul	98
43) 2-Nitroaniline	13.375	65	455784	22.42	ng/ul	91
45) Dimethylphthalate	13.763	163	1688006	19.42	ng/ul	100
46) 2,6-Dinitrotoluene	13.881	165	371954	21.92	ng/ul	89
48) Acenaphthylene	14.016	152	2045803	19.34	ng/ul	98
49) 3-Nitroaniline	14.204	138	327031	21.13	ng/ul#	89
50) Acenaphthene	14.363	153	1424266	18.73	ng/ul	99
51) 2,4-Dinitrophenol	14.416	184	170438	16.48	ng/ul	86
53) 4-Nitrophenol	14.522	109	277367	19.16	ng/ul	87
54) Dibenzofuran	14.698	168	1958409	18.88	ng/ul	99
55) 2,4-Dinitrotoluene	14.669	165	521922	21.19	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	14.928	232	417969	21.25	ng/ul	97
57) Diethylphthalate	15.134	149	1716697	19.19	ng/ul	98
59) Fluorene	15.351	166	1606281	18.47	ng/ul	96
60) 4-Chlorophenyl-phenyle...	15.351	204	734135	17.30	ng/ul	98
61) 4-Nitroaniline	15.369	138	290416	17.36	ng/ul	87
64) 4,6-Dinitro-2-methylph...	15.434	198	243429	15.76	ng/ul	97
65) N-Nitrosodiphenylamine	15.563	169	1371400	19.33	ng/ul	96
66) 4-Bromophenyl-phenylether	16.239	248	485548	19.08	ng/ul	95
67) Hexachlorobenzene	16.357	284	555613	18.71	ng/ul	92
68) Atrazine	16.522	200	526948	20.30	ng/ul	97
69) Pentachlorophenol	16.698	266	378754	21.52	ng/ul	96
70) Phenanthrene	17.092	178	2518343	18.58	ng/ul	98
72) Anthracene	17.181	178	2561783	18.72	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.087	216	634088	19.61	ng/uL	96
74) Pentachlorobenzene	14.622	250	618090	18.63	ng/uL	94
75) Carbazole	17.451	167	2256595	18.99	ng/ul	99
76) Di-n-butylphthalate	18.022	149	3064654	20.31	ng/ul	100
77) Fluoranthene	19.116	202	2870292	18.86	ng/ul	99
80) Pyrene	19.480	202	2898878	18.71	ng/ul	99
81) Butylbenzylphthalate	20.392	149	1385666	21.75	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.174	252	618787	12.38	ng/ul	98
83) Benzo(a)anthracene	21.239	228	2815269	19.45	ng/ul	98
84) Bis(2-ethylhexyl)phtha...	21.174	149	2074859	21.22	ng/ul	97
85) Chrysene	21.292	228	2587470	18.19	ng/ul	98
87) Di-n-octyl phthalate	22.051	149	3678011	21.71	ng/ul	100
88) Benzo(b)fluoranthene	22.804	252	2771011	17.34	ng/ul	97
89) Benzo(k)fluoranthene	22.851	252	2815348	17.88	ng/ul	98
91) Benzo(a)pyrene	23.369	252	2513192	17.34	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.680	276	3011122	16.27	ng/ul	99
93) Dibenzo(a,h)anthracene	25.692	278	2579968	16.92	ng/ul	97
94) Benzo(g,h,i)perylene	26.351	276	2388659	15.15	ng/ul	98

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

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