

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092820\
 Data File : BM027561.D
 Acq On : 28 Sep 2020 12:45
 Operator : JU/CG
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

Manual Integrations
 APPROVED

mohammad
 9/29/2020 3:25:34 PM

Quant Time: Sep 28 16:06:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 24 20:21:51 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	41692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.592	136	144634	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.433	164	122464	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.180	188	307045	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.362	240	339691	20.00	ng/ul	# 0.00
86) Perylene-d12	23.633	264	356106	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	5168	7.05	ng/uL	0.00
5) Phenol-d5	6.969	99	42763	15.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.140	67	21310	13.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.340	132	43140	18.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.504	113	39773	17.45	ng/ul	0.00
19) Nitrobenzene-d5	8.957	128	20594	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.675	143	26330	23.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	67321	23.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.722	131	55356	19.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.851	166	193489	20.42	ng/ul	0.00
47) Acenaphthylene-d8	14.128	160	220824	19.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.628	143	23356	17.59	ng/ul	0.00
58) Fluorene-d10	15.427	176	176009	20.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.539	200	36016	21.66	ng/ul	0.00
71) Anthracene-d10	17.274	188	285195	19.69	ng/ul	0.00
79) Pyrene-d10	19.568	212	338436	19.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.486	264	360435	19.05	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.346	88	5439	6.29	ng/uL#	83
4) Benzaldehyde	6.946	77	30684	16.65	ng/ul	86
6) Phenol	6.999	94	45466	16.25	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.234	93	31520	14.12	ng/ul	89
10) 2-Chlorophenol	7.369	128	44392	18.37	ng/ul#	85
11) 2-Methylphenol	8.240	108	37446	16.97	ng/ul	98
12) 2,2'-oxybis(1-Chloropr...	8.340	45	17008	9.80	ng/ul#	88
14) Acetophenone	8.622	105	67868	18.34	ng/ul	84
15) N-Nitroso-di-n-propyla...	8.610	70	29497	15.97	ng/ul#	83
16) 4-Methylphenol	8.569	108	40406	17.22	ng/ul	98
17) Hexachloroethane	8.881	117	21405	18.55	ng/ul#	25
20) Nitrobenzene	8.998	77	49127	16.84	ng/ul#	82
21) Isophorone	9.528	82	82711	16.47	ng/ul#	86
23) 2-Nitrophenol	9.704	139	28581	23.30	ng/ul#	84
24) 2,4-Dimethylphenol	9.769	107	56806	20.86	ng/ul	98
25) Bis(2-Chloroethoxy)met...	10.010	93	44187	15.37	ng/ul#	96
27) 2,4-Dichlorophenol	10.240	162	65819	23.78	ng/ul#	88
28) Naphthalene	10.640	128	141902	19.21	ng/ul	98
30) 4-Chloroaniline	10.745	127	56228	20.23	ng/ul	96
31) Hexachlorobutadiene	10.934	225	73490	26.22	ng/ul	99
32) Caprolactam	11.504	113	11033m	19.08	ng/ul	
33) 4-Chloro-3-methylphenol	11.869	107	45556	19.97	ng/ul#	83
34) 2-Methylnaphthalene	12.257	142	121679	21.69	ng/ul	97
35) 1-Methylnaphthalene	12.475	142	112443	20.49	ng/ul	98
37) 1,2,4,5-Tetrachloroben...	12.622	216	130963	23.55	ng/ul#	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092820\
 Data File : BM027561.D
 Acq On : 28 Sep 2020 12:45
 Operator : JU/CG
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02015

Manual Integrations
 APPROVED

mohammad
 9/29/2020 3:25:34 PM

Quant Time: Sep 28 16:06:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 24 20:21:51 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.610	237	92750	24.94	ng/ul	99
39) 2,4,6-Trichlorophenol	12.863	196	69947	23.25	ng/ul	99
40) 2,4,5-Trichlorophenol	12.934	196	76989	24.04	ng/ul	98
41) 1,1'-Biphenyl	13.269	154	182897	19.58	ng/ul#	96
42) 2-Chloronaphthalene	13.310	162	155192	19.89	ng/ul	93
43) 2-Nitroaniline	13.510	65	26004	16.60	ng/ul#	71
45) Dimethylphthalate	13.898	163	195651	20.23	ng/ul#	98
46) 2,6-Dinitrotoluene	14.010	165	38692	21.06	ng/ul#	80
48) Acenaphthylene	14.157	152	204215	18.93	ng/ul	96
49) 3-Nitroaniline	14.333	138	27751	19.06	ng/ul#	71
50) Acenaphthene	14.504	153	146158	19.07	ng/ul	98
51) 2,4-Dinitrophenol	14.539	184	24037	22.78	ng/ul#	61
53) 4-Nitrophenol	14.639	109	32394	22.05	ng/ul#	59
54) Dibenzofuran	14.833	168	240201	20.84	ng/ul	94
55) 2,4-Dinitrotoluene	14.792	165	53588	21.36	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	15.057	232	71695	25.71	ng/ul#	76
57) Diethylphthalate	15.263	149	171837	19.37	ng/ul#	92
59) Fluorene	15.486	166	191279	20.42	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.480	204	138035	23.44	ng/ul#	87
61) 4-Nitroaniline	15.498	138	28902	18.73	ng/ul#	69
64) 4,6-Dinitro-2-methylph...	15.557	198	37481	20.59	ng/ul#	71
65) N-Nitrosodiphenylamine	15.692	169	169664	19.88	ng/ul	97
66) 4-Bromophenyl-phenylether	16.374	248	92686	22.65	ng/ul#	88
67) Hexachlorobenzene	16.486	284	98848	21.43	ng/ul#	89
68) Atrazine	16.645	200	79274	21.27	ng/ul#	94
69) Pentachlorophenol	16.827	266	53048	21.06	ng/ul	98
70) Phenanthrene	17.221	178	317596	19.14	ng/ul	99
72) Anthracene	17.310	178	325020	19.27	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.233	216	127602	22.54	ng/uL	97
74) Pentachlorobenzene	14.757	250	123854	22.47	ng/uL	96
75) Carbazole	17.580	167	246887	18.44	ng/ul	97
76) Di-n-butylphthalate	18.151	149	261567	18.07	ng/ul	100
77) Fluoranthene	19.233	202	419718	19.83	ng/ul#	86
80) Pyrene	19.598	202	422441	18.27	ng/ul#	84
81) Butylbenzylphthalate	20.504	149	102911	19.06	ng/ul#	80
82) 3,3'-Dichlorobenzidine	21.280	252	155418	21.36	ng/ul#	97
83) Benzo(a)anthracene	21.345	228	442500	19.58	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.286	149	151918	18.30	ng/ul#	91
85) Chrysene	21.398	228	424055	19.40	ng/ul	99
87) Di-n-octyl phthalate	22.180	149	247112	15.86	ng/ul	100
88) Benzo(b)fluoranthene	22.945	252	430750	18.26	ng/ul#	97
89) Benzo(k)fluoranthene	22.992	252	444584	18.88	ng/ul#	96
91) Benzo(a)pyrene	23.533	252	394838	18.11	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.927	276	514777	18.80	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.939	278	433447	18.81	ng/ul#	95
94) Benzo(g,h,i)perylene	26.621	276	423829	18.70	ng/ul#	91

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

