

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
 Data File : BM027557.D
 Acq On : 26 Sep 2020 08:42
 Operator : JU/CG
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02013

Manual Integrations
 APPROVED

mohammad
 9/28/2020 11:12:11 AM

Quant Time: Sep 26 09:13:58 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	96807	20.00	ng/ul	0.00
18) Naphthalene-d8	10.592	136	348547	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.433	164	258803	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.174	188	605572	20.00	ng/ul	#-0.01
78) Chrysene-d12	21.351	240	669509	20.00	ng/ul	#-0.01
86) Perylene-d12	23.621	264	726817	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	15092	8.87	ng/uL	0.00
5) Phenol-d5	6.969	99	123412	19.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.140	67	69047	18.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.340	132	106951	19.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.504	113	100915	19.07	ng/ul	0.00
19) Nitrobenzene-d5	8.951	128	49144	19.13	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.675	143	54337	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	139396	20.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.722	131	137124	20.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.845	166	385501	19.25	ng/ul	-0.01
47) Acenaphthylene-d8	14.127	160	467459	19.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.622	143	52913	18.86	ng/ul	0.00
58) Fluorene-d10	15.427	176	359592	19.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.539	200	59170	18.05	ng/ul	0.00
71) Anthracene-d10	17.274	188	561662	19.66	ng/ul	0.00
79) Pyrene-d10	19.562	212	652459	18.68	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.474	264	716975	18.57	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	16585	8.26	ng/uL	97
4) Benzaldehyde	6.946	77	84356	19.71	ng/ul#	83
6) Phenol	6.993	94	129762	19.98	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.228	93	99760	19.24	ng/ul	93
10) 2-Chlorophenol	7.369	128	112928	20.13	ng/ul#	89
11) 2-Methylphenol	8.240	108	101487	19.80	ng/ul	97
12) 2,2'-oxybis(1-Chloropr...	8.328	45	71915	17.84	ng/ul	99
14) Acetophenone	8.622	105	173736	20.22	ng/ul	88
15) N-Nitroso-di-n-propyla...	8.610	70	84060	19.60	ng/ul#	95
16) 4-Methylphenol	8.563	108	109717	20.14	ng/ul	92
17) Hexachloroethane	8.881	117	51144	19.09	ng/ul#	64
20) Nitrobenzene	8.998	77	129056	18.36	ng/ul#	89
21) Isophorone	9.522	82	225931	18.67	ng/ul	95
23) 2-Nitrophenol	9.704	139	61134	20.68	ng/ul#	86
24) 2,4-Dimethylphenol	9.763	107	132589	20.20	ng/ul	96
25) Bis(2-Chloroethoxy)met...	10.004	93	133333	19.24	ng/ul	97
27) 2,4-Dichlorophenol	10.234	162	137574	20.63	ng/ul	93
28) Naphthalene	10.639	128	358000	20.11	ng/ul	99
30) 4-Chloroaniline	10.745	127	140547	20.98	ng/ul	98
31) Hexachlorobutadiene	10.934	225	132042	19.55	ng/ul	100
32) Caprolactam	11.510	113	27712	19.89	ng/ul#	81
33) 4-Chloro-3-methylphenol	11.869	107	111204	20.23	ng/ul	88
34) 2-Methylnaphthalene	12.251	142	279794	20.70	ng/ul	97
35) 1-Methylnaphthalene	12.475	142	259179	19.60	ng/ul	96
37) 1,2,4,5-Tetrachloroben...	12.622	216	229835	19.55	ng/ul#	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.604	237	157518	20.04	ng/ul	98
39) 2,4,6-Trichlorophenol	12.863	196	131242	20.64	ng/ul	97
40) 2,4,5-Trichlorophenol	12.928	196	140259	20.72	ng/ul	98
41) 1,1'-Biphenyl	13.269	154	390249	19.77	ng/ul#	97
42) 2-Chloronaphthalene	13.310	162	326228	19.78	ng/ul	95
43) 2-Nitroaniline	13.510	65	63450	19.17	ng/ul#	73
45) Dimethylphthalate	13.892	163	395710	19.37	ng/ul	99
46) 2,6-Dinitrotoluene	14.010	165	77896	20.06	ng/ul#	81
48) Acenaphthylene	14.157	152	456801	20.04	ng/ul	98
49) 3-Nitroaniline	14.333	138	63649	20.69	ng/ul	83
50) Acenaphthene	14.498	153	322366	19.90	ng/ul	98
51) 2,4-Dinitrophenol	14.533	184	38541	17.28	ng/ul#	61
53) 4-Nitrophenol	14.639	109	57232	18.44	ng/ul	88
54) Dibenzofuran	14.833	168	493776	20.27	ng/ul	96
55) 2,4-Dinitrotoluene	14.792	165	107625	20.30	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	15.057	232	124862	21.19	ng/ul#	84
57) Diethylphthalate	15.263	149	373587	19.93	ng/ul	94
59) Fluorene	15.486	166	392707	19.83	ng/ul	97
60) 4-Chlorophenyl-phenyle...	15.480	204	247163	19.86	ng/ul	90
61) 4-Nitroaniline	15.492	138	64205	19.69	ng/ul	92
64) 4,6-Dinitro-2-methylph...	15.557	198	61039	17.00	ng/ul#	76
65) N-Nitrosodiphenylamine	15.692	169	343162	20.39	ng/ul	98
66) 4-Bromophenyl-phenylether	16.374	248	161365	20.00	ng/ul#	91
67) Hexachlorobenzene	16.486	284	176120	19.36	ng/ul	92
68) Atrazine	16.645	200	141556	19.26	ng/ul	96
69) Pentachlorophenol	16.827	266	89743	18.06	ng/ul	99
70) Phenanthrene	17.215	178	649711	19.85	ng/ul	99
72) Anthracene	17.310	178	672288	20.21	ng/ul	100
73) 1,2,3,4-Tetrachloroben...	13.227	216	226490	20.28	ng/uL	98
74) Pentachlorobenzene	14.751	250	212725	19.57	ng/uL	98
75) Carbazole	17.574	167	536685	20.33	ng/ul	99
76) Di-n-butylphthalate	18.151	149	594680	20.83	ng/ul	98
77) Fluoranthene	19.233	202	821600	19.68	ng/ul#	91
80) Pyrene	19.592	202	846078	18.56	ng/ul#	92
81) Butylbenzylphthalate	20.498	149	231986	21.80	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.274	252	293120	20.44	ng/ul#	98
83) Benzo(a)anthracene	21.339	228	861524	19.34	ng/ul	100
84) Bis(2-ethylhexyl)phtha...	21.280	149	367140	22.44	ng/ul	96
85) Chrysene	21.392	228	846136	19.64	ng/ul	99
87) Di-n-octyl phthalate	22.174	149	600629	18.89	ng/ul	100
88) Benzo(b)fluoranthene	22.939	252	894414	18.57	ng/ul#	98
89) Benzo(k)fluoranthene	22.986	252	877495	18.25	ng/ul#	97
91) Benzo(a)pyrene	23.521	252	795465	17.87	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.909	276	1041310	18.63	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.927	278	877696	18.67	ng/ul#	96
94) Benzo(g,h,i)perylene	26.609	276	866540m	18.73	ng/ul	

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

