

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092820\
 Data File : BM027559.D
 Acq On : 28 Sep 2020 09:26
 Operator : JU/CG
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02014

Manual Integrations
 APPROVED

mohammad
 9/29/2020 3:25:32 PM

Quant Time: Sep 28 10:50:06 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	28290	20.00	ng/ul	# 0.00
18) Naphthalene-d8	10.592	136	93820	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.433	164	85511	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.174	188	233727	20.00	ng/ul	#-0.01
78) Chrysene-d12	21.356	240	304348	20.00	ng/ul	# 0.00
86) Perylene-d12	23.627	264	341497	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	3528	7.10	ng/uL	0.00
5) Phenol-d5	6.969	99	27533	14.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.139	67	14203	13.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.339	132	28357	17.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.504	113	25274	16.35	ng/ul	0.00
19) Nitrobenzene-d5	8.951	128	12419	17.96	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.669	143	16081	22.19	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.204	165	42740	23.12	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.722	131	35211	19.22	ng/ul	0.00
44) Dimethylphthalate-d6	13.845	166	129925	19.64	ng/ul	-0.01
47) Acenaphthylene-d8	14.127	160	148709	18.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.621	143	16672	17.98	ng/ul	0.00
58) Fluorene-d10	15.427	176	128919	21.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.539	200	27176	21.47	ng/ul	0.00
71) Anthracene-d10	17.274	188	219650	19.92	ng/ul	0.00
79) Pyrene-d10	19.568	212	279782	17.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.480	264	337033	18.58	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	3686	6.29	ng/uL#	82
4) Benzaldehyde	6.945	77	19969	15.97	ng/ul#	78
6) Phenol	6.992	94	29784	15.69	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.234	93	21111	13.93	ng/ul#	85
10) 2-Chlorophenol	7.369	128	28923	17.64	ng/ul#	83
11) 2-Methylphenol	8.239	108	24315	16.24	ng/ul	85
12) 2,2'-oxybis(1-Chloropr...	8.322	45	11761m	9.99	ng/ul	
14) Acetophenone	8.622	105	43123	17.17	ng/ul	90
15) N-Nitroso-di-n-propyla...	8.604	70	18992	15.15	ng/ul#	81
16) 4-Methylphenol	8.569	108	26772	16.81	ng/ul	90
17) Hexachloroethane	8.881	117	14085	17.99	ng/ul#	24
20) Nitrobenzene	8.992	77	32088	16.96	ng/ul#	88
21) Isophorone	9.522	82	52027	15.97	ng/ul#	80
23) 2-Nitrophenol	9.704	139	16587	20.85	ng/ul#	79
24) 2,4-Dimethylphenol	9.763	107	36380	20.59	ng/ul	99
25) Bis(2-Chloroethoxy)met...	10.004	93	27471	14.73	ng/ul#	91
27) 2,4-Dichlorophenol	10.233	162	42179	23.49	ng/ul#	88
28) Naphthalene	10.639	128	92572	19.32	ng/ul	99
30) 4-Chloroaniline	10.745	127	37566	20.84	ng/ul	98
31) Hexachlorobutadiene	10.927	225	50660	27.86	ng/ul	97
32) Caprolactam	11.510	113	7264m	19.36	ng/ul	
33) 4-Chloro-3-methylphenol	11.869	107	28361	19.17	ng/ul#	83
34) 2-Methylnaphthalene	12.251	142	80127	22.02	ng/ul	100
35) 1-Methylnaphthalene	12.474	142	72906	20.48	ng/ul#	98
37) 1,2,4,5-Tetrachloroben...	12.621	216	87167	22.45	ng/ul#	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.604	237	62045	23.89	ng/ul	100
39) 2,4,6-Trichlorophenol	12.863	196	47005	22.37	ng/ul	97
40) 2,4,5-Trichlorophenol	12.927	196	52043	23.27	ng/ul	94
41) 1,1'-Biphenyl	13.268	154	120546	18.48	ng/ul#	94
42) 2-Chloronaphthalene	13.304	162	103384	18.97	ng/ul	93
43) 2-Nitroaniline	13.510	65	16878	15.43	ng/ul#	64
45) Dimethylphthalate	13.892	163	132497	19.62	ng/ul#	98
46) 2,6-Dinitrotoluene	14.004	165	25496	19.88	ng/ul#	80
48) Acenaphthylene	14.157	152	140784	18.69	ng/ul	97
49) 3-Nitroaniline	14.333	138	18892	18.59	ng/ul#	71
50) Acenaphthene	14.498	153	100565	18.79	ng/ul	97
51) 2,4-Dinitrophenol	14.539	184	16911	22.95	ng/ul#	64
53) 4-Nitrophenol	14.639	109	24373	23.76	ng/ul#	59
54) Dibenzofuran	14.833	168	167893	20.86	ng/ul	97
55) 2,4-Dinitrotoluene	14.792	165	37230	21.26	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	15.057	232	52221	26.82	ng/ul#	76
57) Diethylphthalate	15.262	149	125522	20.26	ng/ul#	91
59) Fluorene	15.480	166	137423	21.01	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.480	204	101071	24.58	ng/ul#	87
61) 4-Nitroaniline	15.492	138	21214	19.69	ng/ul#	70
64) 4,6-Dinitro-2-methylph...	15.551	198	28435	20.52	ng/ul#	78
65) N-Nitrosodiphenylamine	15.692	169	123433	19.00	ng/ul	99
66) 4-Bromophenyl-phenylether	16.374	248	67908	21.80	ng/ul#	91
67) Hexachlorobenzene	16.486	284	73638	20.97	ng/ul#	91
68) Atrazine	16.645	200	59570	21.00	ng/ul#	92
69) Pentachlorophenol	16.827	266	41863	21.83	ng/ul	98
70) Phenanthrene	17.215	178	242162	19.17	ng/ul	98
72) Anthracene	17.309	178	251862	19.61	ng/ul	100
73) 1,2,3,4-Tetrachloroben...	13.227	216	84622	19.63	ng/uL	98
74) Pentachlorobenzene	14.751	250	87159	20.77	ng/uL	99
75) Carbazole	17.574	167	194736	19.11	ng/ul	98
76) Di-n-butylphthalate	18.151	149	205375	18.64	ng/ul	99
77) Fluoranthene	19.233	202	343205	21.30	ng/ul#	86
80) Pyrene	19.592	202	352283	17.00	ng/ul#	84
81) Butylbenzylphthalate	20.503	149	86101	17.80	ng/ul#	77
82) 3,3'-Dichlorobenzidine	21.274	252	142212	21.82	ng/ul#	98
83) Benzo(a)anthracene	21.339	228	394483	19.48	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.286	149	134849	18.14	ng/ul#	92
85) Chrysene	21.391	228	381286	19.47	ng/ul	99
87) Di-n-octyl phthalate	22.174	149	227803	15.24	ng/ul	100
88) Benzo(b)fluoranthene	22.938	252	411115	18.17	ng/ul#	96
89) Benzo(k)fluoranthene	22.985	252	419241	18.56	ng/ul#	97
91) Benzo(a)pyrene	23.527	252	373230	17.85	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.915	276	491075	18.70	ng/ul#	90
93) Dibenzo(a,h)anthracene	25.932	278	417783	18.91	ng/ul#	94
94) Benzo(g,h,i)perylene	26.615	276	406349	18.69	ng/ul#	91

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

