

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
 Data File : BM027544.D
 Acq On : 26 Sep 2020 00:54
 Operator : JU/CG
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02012

Manual Integrations
 APPROVED

mohammad
 9/28/2020 11:12:00 AM

Quant Time: Sep 26 02:47:57 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	112185	20.00	ng/ul	# 0.00
18) Naphthalene-d8	10.592	136	434324	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.439	164	348833	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.180	188	867643	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.356	240	871748	20.00	ng/ul	# 0.00
86) Perylene-d12	23.621	264	770119	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	17987	9.12	ng/uL	0.00
5) Phenol-d5	6.969	99	149930	20.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.140	67	80168	18.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.340	132	127720	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.504	113	130119	21.22	ng/ul	0.00
19) Nitrobenzene-d5	8.957	128	63247	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.675	143	71294	21.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.210	165	181613	21.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.722	131	181170	21.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.851	166	554837	20.56	ng/ul	0.00
47) Acenaphthylene-d8	14.127	160	642793	19.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.627	143	78621	20.79	ng/ul	0.00
58) Fluorene-d10	15.427	176	501334	20.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.545	200	91000	19.37	ng/ul	0.00
71) Anthracene-d10	17.274	188	816500	19.95	ng/ul	0.00
79) Pyrene-d10	19.568	212	940692	20.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.480	264	773746	18.91	ng/ul	-0.01
Target Compounds						
2) 1,4-Dioxane	3.346	88	17961	7.72	ng/uL	97
4) Benzaldehyde	6.946	77	101539	20.47	ng/ul	90
6) Phenol	6.998	94	158404	21.04	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.234	93	121555	20.23	ng/ul	90
10) 2-Chlorophenol	7.369	128	135583	20.85	ng/ul#	87
11) 2-Methylphenol	8.240	108	123430	20.79	ng/ul	98
12) 2,2'-oxybis(1-Chloropr...	8.334	45	87633m	18.76	ng/ul	
14) Acetophenone	8.622	105	215597	21.65	ng/ul	90
15) N-Nitroso-di-n-propyla...	8.610	70	107101	21.55	ng/ul#	92
16) 4-Methylphenol	8.569	108	136684	21.65	ng/ul	98
17) Hexachloroethane	8.887	117	58578	18.86	ng/ul#	52
20) Nitrobenzene	8.998	77	161861	18.48	ng/ul#	87
21) Isophorone	9.522	82	302621	20.07	ng/ul#	93
23) 2-Nitrophenol	9.704	139	81955	22.25	ng/ul#	87
24) 2,4-Dimethylphenol	9.769	107	171144	20.93	ng/ul	94
25) Bis(2-Chloroethoxy)met...	10.004	93	172522	19.98	ng/ul	99
27) 2,4-Dichlorophenol	10.239	162	178096	21.43	ng/ul#	91
28) Naphthalene	10.639	128	444149	20.03	ng/ul	100
30) 4-Chloroaniline	10.745	127	185395	22.21	ng/ul	99
31) Hexachlorobutadiene	10.934	225	162093	19.26	ng/ul	99
32) Caprolactam	11.510	113	43266	24.92	ng/ul#	73
33) 4-Chloro-3-methylphenol	11.869	107	154713	22.59	ng/ul	90
34) 2-Methylnaphthalene	12.251	142	359010	21.32	ng/ul	99
35) 1-Methylnaphthalene	12.475	142	338373	20.54	ng/ul	97
37) 1,2,4,5-Tetrachloroben...	12.622	216	306759	19.36	ng/ul#	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.610	237	202382	19.10	ng/ul	98
39) 2,4,6-Trichlorophenol	12.863	196	182135	21.25	ng/ul	98
40) 2,4,5-Trichlorophenol	12.933	196	198957	21.81	ng/ul	98
41) 1,1'-Biphenyl	13.269	154	520231	19.55	ng/ul#	98
42) 2-Chloronaphthalene	13.310	162	428540	19.28	ng/ul	96
43) 2-Nitroaniline	13.510	65	92855	20.81	ng/ul#	80
45) Dimethylphthalate	13.898	163	566961	20.59	ng/ul	99
46) 2,6-Dinitrotoluene	14.010	165	114914	21.96	ng/ul#	80
48) Acenaphthylene	14.157	152	615692	20.04	ng/ul	98
49) 3-Nitroaniline	14.333	138	96092	23.17	ng/ul	83
50) Acenaphthene	14.504	153	433570	19.86	ng/ul	97
51) 2,4-Dinitrophenol	14.539	184	57832	19.24	ng/ul#	66
53) 4-Nitrophenol	14.639	109	85497	20.43	ng/ul#	83
54) Dibenzofuran	14.833	168	674096	20.53	ng/ul	94
55) 2,4-Dinitrotoluene	14.792	165	162639	22.76	ng/ul#	80
56) 2,3,4,6-Tetrachlorophenol	15.063	232	182397	22.96	ng/ul#	82
57) Diethylphthalate	15.269	149	544662	21.55	ng/ul	95
59) Fluorene	15.486	166	537137	20.13	ng/ul	100
60) 4-Chlorophenyl-phenyle...	15.480	204	342173	20.39	ng/ul	90
61) 4-Nitroaniline	15.498	138	95225	21.67	ng/ul#	92
64) 4,6-Dinitro-2-methylph...	15.557	198	95894	18.64	ng/ul#	80
65) N-Nitrosodiphenylamine	15.692	169	484648	20.10	ng/ul	99
66) 4-Bromophenyl-phenylether	16.374	248	232279	20.09	ng/ul	93
67) Hexachlorobenzene	16.486	284	253225	19.43	ng/ul#	91
68) Atrazine	16.645	200	214512	20.37	ng/ul	97
69) Pentachlorophenol	16.827	266	136052	19.11	ng/ul	98
70) Phenanthrene	17.221	178	926203	19.75	ng/ul	99
72) Anthracene	17.310	178	938945	19.70	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.233	216	302358	18.90	ng/uL	98
74) Pentachlorobenzene	14.757	250	293509	18.84	ng/uL	96
75) Carbazole	17.580	167	777514	20.55	ng/ul	99
76) Di-n-butylphthalate	18.157	149	902767	22.07	ng/ul	98
77) Fluoranthene	19.233	202	1189468	19.88	ng/ul#	92
80) Pyrene	19.598	202	1207106	20.34	ng/ul#	90
81) Butylbenzylphthalate	20.503	149	354973	25.62	ng/ul#	86
82) 3,3'-Dichlorobenzidine	21.274	252	374463	20.06	ng/ul#	97
83) Benzo(a)anthracene	21.339	228	1154863	19.91	ng/ul	100
84) Bis(2-ethylhexyl)phtha...	21.286	149	515770	24.22	ng/ul#	94
85) Chrysene	21.392	228	1090478	19.44	ng/ul	99
87) Di-n-octyl phthalate	22.174	149	785223	23.30	ng/ul	100
88) Benzo(b)fluoranthene	22.939	252	996288	19.53	ng/ul#	99
89) Benzo(k)fluoranthene	22.986	252	993721	19.51	ng/ul#	98
91) Benzo(a)pyrene	23.521	252	857685	18.19	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.915	276	1011615	17.08	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.927	278	853548	17.13	ng/ul#	97
94) Benzo(g,h,i)perylene	26.609	276	829757	16.93	ng/ul#	96

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

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