Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092420\
Data File : BM027517.D
Acq On : 24 Sep 2020 19:43
Operator : JU/CG
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV09

Quant Time: Sep 25 10:33:56 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	7.810	152	93700	20.00	ng/ul	0.00
18) Naphthalene-d8	10.598	136	360016	20.00	ng/ul	# 0.00
36) Acenaphthene-d10	14.445	164	266880	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.186	188	594595	20.00	ng/ul	# 0.00
78) Chrysene-d12	21.362	240	558317	20.00	ng/ul	# 0.00
86) Perylene-d12	23.633	264	534013	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	14696	8.93	ng/uL	0.00
5) Phenol-d5	6.969	99	125853	20.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.145	67	83664	23.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.345	132	108112	20.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.510	113	105236	20.55	ng/ul	0.00
19) Nitrobenzene-d5	8.957	128	52613	19.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.681	143	57904	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.216	165	146725	20.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.728	131	153846	21.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.857	166	415114	20.10	ng/ul	0.00
47) Acenaphthylene-d8	14.133	160	484149	19.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.627	143	53621	18.53	ng/ul	0.00
58) Fluorene-d10	15.433	176	366240	19.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.545	200	55046	17.10	ng/ul	0.00
71) Anthracene-d10	17.280	188	561985	20.04	ng/ul	0.00
79) Pyrene-d10	19.574	212	608962	20.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.491	264	576954	20.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	15204	7.83	ng/uL	96
4) Benzaldehyde	6.951	77	96006	23.18	ng/ul	87
6) Phenol	6.998	94	129226	20.55	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.234	93	100856	20.10	ng/ul	96
10) 2-Chlorophenol	7.375	128	112535	20.72	ng/ul#	89
11) 2-Methylphenol	8.245	108	101949	20.55	ng/ul	97
12) 2,2'-oxybis(1-Chloropr...	8.345	45	83017	21.28	ng/ul	93
14) Acetophenone	8.628	105	185814	22.34	ng/ul	90
15) N-Nitroso-di-n-propyla...	8.616	70	93526	22.53	ng/ul#	90
16) 4-Methylphenol	8.569	108	110244	20.90	ng/ul	96
17) Hexachloroethane	8.892	117	50744	19.56	ng/ul#	57
20) Nitrobenzene	9.004	77	142394	19.61	ng/ul#	89
21) Isophorone	9.528	82	254099	20.33	ng/ul	94
23) 2-Nitrophenol	9.710	139	63981	20.96	ng/ul#	89
24) 2,4-Dimethylphenol	9.769	107	133824	19.74	ng/ul	97
25) Bis(2-Chloroethoxy)met...	10.010	93	140259	19.60	ng/ul	98
27) 2,4-Dichlorophenol	10.239	162	139459	20.24	ng/ul	96
28) Naphthalene	10.645	128	364494	19.83	ng/ul	99
30) 4-Chloroaniline	10.751	127	155671	22.50	ng/ul	100
31) Hexachlorobutadiene	10.939	225	133862	19.18	ng/ul	98
32) Caprolactam	11.504	113	30151	20.95	ng/ul#	77
33) 4-Chloro-3-methylphenol	11.869	107	115201	20.29	ng/ul	92
34) 2-Methylnaphthalene	12.263	142	295034	21.13	ng/ul	97
35) 1-Methylnaphthalene	12.480	142	277052	20.29	ng/ul	99
37) 1,2,4,5-Tetrachloroben...	12.627	216	241752	19.95	ng/ul#	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.616	237	155898	19.23	ng/ul	98
39) 2,4,6-Trichlorophenol	12.869	196	132886	20.27	ng/ul	99
40) 2,4,5-Trichlorophenol	12.933	196	140712	20.16	ng/ul	97
41) 1,1'-Biphenyl	13.274	154	414512	20.36	ng/ul#	98
42) 2-Chloronaphthalene	13.316	162	333843	19.63	ng/ul	95
43) 2-Nitroaniline	13.510	65	71444	20.93	ng/ul#	82
45) Dimethylphthalate	13.904	163	409304	19.42	ng/ul	99
46) 2,6-Dinitrotoluene	14.016	165	86392	21.58	ng/ul#	84
48) Acenaphthylene	14.163	152	488270	20.77	ng/ul	97
49) 3-Nitroaniline	14.339	138	68016	21.44	ng/ul	84
50) Acenaphthene	14.504	153	324251	19.41	ng/ul	98
51) 2,4-Dinitrophenol	14.539	184	36501	15.87	ng/ul#	71
53) 4-Nitrophenol	14.639	109	58548	18.29	ng/ul	89
54) Dibenzofuran	14.839	168	503494	20.04	ng/ul	96
55) 2,4-Dinitrotoluene	14.798	165	108550	19.86	ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.063	232	129371	21.29	ng/ul#	85
57) Diethylphthalate	15.274	149	369971	19.14	ng/ul	96
59) Fluorene	15.492	166	389265	19.07	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.492	204	250931	19.55	ng/ul#	89
61) 4-Nitroaniline	15.498	138	68992	20.52	ng/ul	93
64) 4,6-Dinitro-2-methylph...	15.563	198	62709	17.79	ng/ul#	80
65) N-Nitrosodiphenylamine	15.698	169	341081	20.64	ng/ul	100
66) 4-Bromophenyl-phenylether	16.380	248	158003	19.94	ng/ul	90
67) Hexachlorobenzene	16.492	284	172843	19.35	ng/ul#	92
68) Atrazine	16.651	200	129128	17.89	ng/ul	96
69) Pentachlorophenol	16.833	266	89090	18.26	ng/ul	96
70) Phenanthrene	17.227	178	625422	19.46	ng/ul	99
72) Anthracene	17.315	178	644853	19.74	ng/ul	100
73) 1,2,3,4-Tetrachloroben...	13.239	216	238131	21.72	ng/uL	97
74) Pentachlorobenzene	14.763	250	218300	20.45	ng/uL	98
75) Carbazole	17.580	167	506978	19.55	ng/ul	99
76) Di-n-butylphthalate	18.162	149	545527	19.46	ng/ul	99
77) Fluoranthene	19.239	202	756616	18.46	ng/ul#	92
80) Pyrene	19.603	202	776998	20.44	ng/ul#	91
81) Butylbenzylphthalate	20.509	149	182683	20.59	ng/ul	90
82) 3,3'-Dichlorobenzidine	21.280	252	253594	21.21	ng/ul	99
83) Benzo(a)anthracene	21.350	228	726111	19.54	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.297	149	278587	20.42	ng/ul	98
85) Chrysene	21.397	228	689122	19.18	ng/ul	99
87) Di-n-octyl phthalate	22.192	149	441508	18.89	ng/ul	100
88) Benzo(b)fluoranthene	22.950	252	688199	19.45	ng/ul#	98
89) Benzo(k)fluoranthene	22.997	252	704172	19.94	ng/ul#	97
91) Benzo(a)pyrene	23.538	252	637907	19.51	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.932	276	808138	19.68	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.950	278	678243	19.63	ng/ul#	95
94) Benzo(g,h,i)perylene	26.632	276	682614	20.08	ng/ul#	94

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

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