

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
 Data File : VX018739.D
 Acq On : 02 Oct 2020 10:55
 Operator : JC/SP
 Sample : VSTD00165
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00165

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 1:25:19 PM

Quant Time: Oct 02 11:57:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 11:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	194294	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	177566	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	92932	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	10380	0.80	ug/L	0.00
7) Chloroethane-d5	1.70	69	8997	0.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	23685	0.88	ug/L	0.00
20) 2-Butanone-d5	4.56	46	26415	7.84	ug/L	0.00
24) Chloroform-d	5.14	84	26653	0.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	15935	1.05	ug/L	0.00
32) Benzene-d6	6.05	84	43305	0.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	12751	0.88	ug/L	0.00
41) Toluene-d8	8.70	98	41966	0.93	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	7050	1.08	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	18753	7.25	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	9627	0.86	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	15594	0.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	12799	0.620 ug/L	97
3) Chloromethane	1.31	50	9583	0.580 ug/L	84
5) Vinyl chloride	1.39	62	10409	0.623 ug/L	95
6) Bromomethane	1.64	94	5718	0.590 ug/L	88
8) Chloroethane	1.72	64	6141	0.653 ug/L	86
9) Trichlorofluoromethane	1.92	101	21828	0.784 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	9853	0.668 ug/L	87
12) 1,1-Dichloroethene	2.36	96	9042	0.661 ug/L	89
13) Acetone	2.46	43	15700m	6.564 ug/L	
14) Carbon disulfide	2.55	76	28583	0.586 ug/L	99
15) Methyl Acetate	2.76	43	3027m	0.435 ug/L	
16) Methylene chloride	2.83	84	12740	0.667 ug/L	91
17) Methyl tert-butyl Ether	3.17	73	23643	0.646 ug/L	96
18) trans-1,2-Dichloroethene	3.15	96	10204	0.656 ug/L	83
19) 1,1-Dichloroethane	3.67	63	17878	0.646 ug/L #	96
21) 2-Butanone	4.65	43	20220	5.010 ug/L #	67
22) cis-1,2-Dichloroethene	4.56	96	10181	0.628 ug/L #	94
23) Bromochloromethane	4.98	128	5803	0.763 ug/L	77
25) Chloroform	5.17	83	19297	0.639 ug/L	96
27) 1,2-Dichloroethane	6.16	62	15123	0.774 ug/L #	89
29) 1,1,1-Trichloroethane	5.46	97	20277	0.739 ug/L	97
30) Cyclohexane	5.55	56	13879	0.607 ug/L	99
31) Carbon tetrachloride	5.74	117	19128	0.754 ug/L	100
33) Benzene	6.11	78	35247	0.615 ug/L	100
34) Trichloroethene	7.19	95	10935	0.647 ug/L	92
35) Methylcyclohexane	7.44	83	14702	0.623 ug/L	97
37) 1,2-Dichloropropane	7.48	63	8799	0.613 ug/L #	93
38) Bromodichloromethane	7.87	83	14723	0.720 ug/L	94
39) cis-1,3-Dichloropropene	8.42	75	13537	0.605 ug/L	96
40) 4-Methyl-2-pentanone	8.62	43	48852	5.311 ug/L	97

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42) Toluene	8.76	91	37880	0.608	ug/L	96
43) 1,3,5-Trimethylbenzene	11.49	105	32370	0.567	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	31881	0.547	ug/L	94
46) trans-1,3-Dichloropropene	9.02	75	13600	0.681	ug/L	88
47) 1,1,2-Trichloroethane	9.20	97	6844	0.631	ug/L	93
49) Tetrachloroethene	9.32	164	9913	0.724	ug/L	87
50) 2-Hexanone	9.48	43	35894	5.449	ug/L	97
51) Dibromochloromethane	9.56	129	9987	0.666	ug/L	91
52) 1,2-Dibromoethane	9.65	107	6553	0.622	ug/L	82
53) Chlorobenzene	10.12	112	26961	0.656	ug/L	98
54) Ethylbenzene	10.23	91	41928	0.612	ug/L	98
55) m,p-xylene	10.34	106	15223	0.584	ug/L	96
56) o-xylene	10.68	106	14960	0.593	ug/L	96
57) Styrene	10.70	104	24682	0.582	ug/L	100
58) Isopropylbenzene	11.00	105	39501	0.581	ug/L	93
60) 1,1,2,2-Tetrachloroethane	11.25	83	7207	0.605	ug/L #	93
62) Bromoform	10.84	173	5748	0.667	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	21534	0.651	ug/L	94
64) 1,4-Dichlorobenzene	12.08	146	21063	0.637	ug/L	99
66) 1,2-Dichlorobenzene	12.38	146	20737	0.667	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.98	75	1668	0.615	ug/L	94
68) 1,3,5-Trichlorobenzene	13.15	180	16274	0.659	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	12581	0.580	ug/L #	94
70) Naphthalene	13.82	128	20260	0.518	ug/L	97
71) 1,2,3-Trichlorobenzene	14.01	180	11565	0.572	ug/L	95

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

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