

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072120\
 Data File : VX017448.D
 Acq On : 21 Jul 2020 10:47
 Operator : JC/SP
 Sample : VSTD0.561
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.561

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 9:10:49 AM

Quant Time: Jul 22 05:40:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 05:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	330406	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	338052	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	153956	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	13059	0.66	ug/L	0.00
7) Chloroethane-d5	1.70	69	9633m	0.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	22454	0.54	ug/L	0.00
20) 2-Butanone-d5	4.54	46	18931	3.64	ug/L	0.00
24) Chloroform-d	5.14	84	20104	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	13948	0.60	ug/L	0.00
32) Benzene-d6	6.04	84	36070	0.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	11402	0.47	ug/L	0.00
41) Toluene-d8	8.70	98	37822	0.49	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	4724m	0.48	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	13588	3.26	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	8275	0.47	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	12815	0.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	17306	0.622 ug/L	98
3) Chloromethane	1.31	50	16546	0.606 ug/L	98
5) Vinyl chloride	1.39	62	15180	0.575 ug/L	99
6) Bromomethane	1.64	94	9897	0.680 ug/L	94
8) Chloroethane	1.72	64	8937	0.494 ug/L	92
9) Trichlorofluoromethane	1.92	101	21261	0.577 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	12028	0.580 ug/L	98
12) 1,1-Dichloroethene	2.36	96	10030	0.515 ug/L	94
13) Acetone	2.42	43	17806	5.013 ug/L	91
14) Carbon disulfide	2.55	76	38728	0.597 ug/L #	94
15) Methyl Acetate	2.75	43	6325	0.750 ug/L #	90
16) Methylene chloride	2.84	84	25662	1.109 ug/L	87
17) Methyl tert-butyl Ether	3.17	73	22428	0.449 ug/L #	91
18) trans-1,2-Dichloroethene	3.14	96	11321	0.534 ug/L	92
19) 1,1-Dichloroethane	3.67	63	18976	0.473 ug/L	99
21) 2-Butanone	4.64	43	26553	4.791 ug/L	93
22) cis-1,2-Dichloroethene	4.56	96	10699	0.477 ug/L #	100
23) Bromochloromethane	4.97	128	5604	0.579 ug/L #	81
25) Chloroform	5.17	83	21986	0.503 ug/L	98
27) 1,2-Dichloroethane	6.16	62	14089	0.512 ug/L #	93
29) 1,1,1-Trichloroethane	5.46	97	19552	0.499 ug/L	96
30) Cyclohexane	5.54	56	14272	0.374 ug/L	97
31) Carbon tetrachloride	5.76	117	18274	0.534 ug/L	98
33) Benzene	6.11	78	43311	0.489 ug/L	100
34) Trichloroethene	7.20	95	12814	0.517 ug/L #	88
35) Methylcyclohexane	7.44	83	13964	0.376 ug/L	92
37) 1,2-Dichloropropane	7.49	63	11001	0.481 ug/L	100
38) Bromodichloromethane	7.87	83	14993	0.526 ug/L #	99
39) cis-1,3-Dichloropropene	8.42	75	14956	0.471 ug/L	93
40) 4-Methyl-2-pentanone	8.62	43	58035	4.153 ug/L #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	8.76	91	39920	0.431	ug/L	91
43) 1,3,5-Trimethylbenzene	11.49	105	31655	0.372	ug/L	92
44) 1,2,4-Trimethylbenzene	11.79	105	31109	0.370	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	12164	0.452	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	6941	0.461	ug/L	94
49) Tetrachloroethene	9.32	164	8989	0.503	ug/L	86
50) 2-Hexanone	9.47	43	35004	3.558	ug/L #	87
51) Dibromochloromethane	9.56	129	9426	0.539	ug/L	99
52) 1,2-Dibromoethane	9.65	107	6714	0.482	ug/L #	97
53) Chlorobenzene	10.12	112	29446	0.488	ug/L	93
54) Ethylbenzene	10.24	91	40084	0.381	ug/L	86
55) m,p-xylene	10.34	106	15373	0.390	ug/L	79
56) o-xylene	10.68	106	15998	0.425	ug/L	84
57) Styrene	10.70	104	24074	0.382	ug/L	99
58) Isopropylbenzene	11.00	105	40059	0.391	ug/L	96
60) 1,1,2,2-Tetrachloroethane	11.25	83	7827	0.466	ug/L #	86
62) Bromoform	10.84	173	5206	0.623	ug/L #	76
63) 1,3-Dichlorobenzene	12.01	146	21848	0.506	ug/L	96
64) 1,4-Dichlorobenzene	12.08	146	21980	0.507	ug/L	92
66) 1,2-Dichlorobenzene	12.38	146	20487	0.523	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.98	75	2047	0.750	ug/L	96
68) 1,3,5-Trichlorobenzene	13.15	180	18541	0.562	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	12335	0.452	ug/L	99
70) Naphthalene	13.82	128	19474	0.433	ug/L #	93
71) 1,2,3-Trichlorobenzene	14.01	180	10122	0.413	ug/L	90

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

