

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
 Data File : VX018789.D
 Acq On : 06 Oct 2020 10:05
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00595

Quant Time: Oct 07 01:26:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 05:58:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	132796	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	128223	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	68462	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	30054	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.70	69	26034	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.34	63	70809	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	4.54	46	102592	50.42	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.84%
24) Chloroform-d	5.14	84	80687	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	6.03	65	45625	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
32) Benzene-d6	6.04	84	137593	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	7.37	67	43537	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	8.70	98	130279	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
45) trans-1,3-Dichloropropene-	8.99	79	20395	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
48) 2-Hexanone-d5	9.43	63	83663	50.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.74%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	36217	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	55906	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	46165	5.178	ug/L	98
3) Chloromethane	1.31	50	35393	5.510	ug/L	97
5) Vinyl chloride	1.39	62	40218	5.613	ug/L	98
6) Bromomethane	1.64	94	22626	5.329	ug/L	91
8) Chloroethane	1.72	64	24699	5.683	ug/L	94
9) Trichlorofluoromethane	1.92	101	76866	5.028	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	41600	5.579	ug/L	98
12) 1,1-Dichloroethene	2.36	96	36155	5.466	ug/L	78
13) Acetone	2.45	43	62577	56.332	ug/L	98
14) Carbon disulfide	2.55	76	113435	5.479	ug/L	99
15) Methyl Acetate	2.76	43	15115	5.536	ug/L	91
16) Methylene chloride	2.83	84	38458	4.795	ug/L	96
17) Methyl tert-butyl Ether	3.17	73	88047	5.160	ug/L	97
18) trans-1,2-Dichloroethene	3.14	96	39237	5.539	ug/L	95
19) 1,1-Dichloroethane	3.67	63	70538	5.602	ug/L	98
21) 2-Butanone	4.65	43	95147	58.836	ug/L	97
22) cis-1,2-Dichloroethene	4.56	96	41356	5.662	ug/L #	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	19510	5.268	ug/L	95
25) Chloroform	5.17	83	76843	5.340	ug/L	97
27) 1,2-Dichloroethane	6.15	62	50781	4.858	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	75823	4.999	ug/L	99
30) Cyclohexane	5.54	56	57742	5.488	ug/L	99
31) Carbon tetrachloride	5.75	117	70997	5.075	ug/L	99
33) Benzene	6.11	78	150917	5.621	ug/L	100
34) Trichloroethene	7.18	95	43100	5.437	ug/L	96
35) Methylcyclohexane	7.44	83	61751	5.497	ug/L	96
37) 1,2-Dichloropropane	7.48	63	36692	5.455	ug/L	99
38) Bromodichloromethane	7.87	83	55181	5.144	ug/L #	95
39) cis-1,3-Dichloropropene	8.42	75	56222	5.236	ug/L	97
40) 4-Methyl-2-pentanone	8.62	43	222576	57.115	ug/L	99
42) Toluene	8.76	91	170533	5.804	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	149480	5.375	ug/L	97
44) 1,2,4-Trimethylbenzene	11.79	105	155739	5.518	ug/L	97
46) trans-1,3-Dichloropropene	9.02	75	51724	5.218	ug/L	99
47) 1,1,2-Trichloroethane	9.20	97	27967	5.509	ug/L	90
49) Tetrachloroethene	9.32	164	37174	5.364	ug/L	98
50) 2-Hexanone	9.47	43	168229	59.438	ug/L	98
51) Dibromochloromethane	9.56	129	39171	5.309	ug/L	98
52) 1,2-Dibromoethane	9.65	107	27316	5.323	ug/L #	92
53) Chlorobenzene	10.12	112	113798	5.662	ug/L	100
54) Ethylbenzene	10.23	91	183467	5.570	ug/L	99
55) m,p-xylene	10.34	106	72811	5.667	ug/L	98
56) o-xylene	10.68	106	68620	5.780	ug/L	95
57) Styrene	10.70	104	113038	5.581	ug/L	96
58) Isopropylbenzene	11.00	105	188851	5.682	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.25	83	32977	5.861	ug/L	99
62) Bromoform	10.84	173	21871	4.834	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	95219	5.722	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	90905	5.478	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	84807	5.458	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.98	75	6398	4.832	ug/L	96
68) 1,3,5-Trichlorobenzene	13.15	180	72337	5.648	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	57209	5.380	ug/L	95
70) Naphthalene	13.82	128	94207	5.420	ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	52648	5.503	ug/L	99

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

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