

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO072220\
 Data File : VX017479.D
 Acq On : 22 Jul 2020 20:44
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00564

Quant Time: Jul 23 03:04:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 23 02:59:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	462102	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	414289	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	216125	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	145990	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.69	69	107260	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.34	63	301365	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.60%
20) 2-Butanone-d5	4.54	46	326211	48.58	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.16%
24) Chloroform-d	5.14	84	268836	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	6.03	65	135116	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
32) Benzene-d6	6.04	84	509857	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	7.37	67	156785	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	8.70	98	492387	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
45) trans-1,3-Dichloropropene-	8.99	79	69969	5.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.60%
48) 2-Hexanone-d5	9.43	63	258302	55.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.08%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	105570	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	185934	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	258774	5.093	ug/L 100
3) Chloromethane	1.31	50	207594	4.393	ug/L 99
5) Vinyl chloride	1.39	62	210647	4.673	ug/L 100
6) Bromomethane	1.63	94	113007	4.616	ug/L 95
8) Chloroethane	1.71	64	116623	4.715	ug/L 97
9) Trichlorofluoromethane	1.92	101	304632	4.706	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	175658	5.000	ug/L 98
12) 1,1-Dichloroethene	2.36	96	157915	4.830	ug/L 94
13) Acetone	2.42	43	253677	46.824	ug/L 100
14) Carbon disulfide	2.55	76	509051	4.589	ug/L 99
15) Methyl Acetate	2.75	43	65582	4.158	ug/L 95
16) Methylene chloride	2.83	84	171511	3.818	ug/L 91
17) Methyl tert-butyl Ether	3.17	73	385541	4.951	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	165004	4.740	ug/L 96
19) 1,1-Dichloroethane	3.67	63	307822	5.022	ug/L 98
21) 2-Butanone	4.64	43	410132	47.523	ug/L 100
22) cis-1,2-Dichloroethene	4.57	96	181811	5.285	ug/L # 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
 Data File : VX017479.D
 Acq On : 22 Jul 2020 20:44
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00564

Quant Time: Jul 23 03:04:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 23 02:59:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	80269	4.839	ug/L	94
25) Chloroform	5.18	83	309095	4.802	ug/L	97
27) 1,2-Dichloroethane	6.16	62	205173	4.955	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	299877	5.388	ug/L	98
30) Cyclohexane	5.55	56	284270	6.320	ug/L	98
31) Carbon tetrachloride	5.76	117	267029	5.325	ug/L	95
33) Benzene	6.11	78	717088	5.878	ug/L	100
34) Trichloroethene	7.19	95	180165	5.473	ug/L	96
35) Methylcyclohexane	7.44	83	280891	6.306	ug/L	96
37) 1,2-Dichloropropane	7.49	63	162160	5.286	ug/L	99
38) Bromodichloromethane	7.88	83	221849	5.399	ug/L	96
39) cis-1,3-Dichloropropene	8.42	75	245738	5.546	ug/L	94
40) 4-Methyl-2-pentanone	8.62	43	1020069	56.865	ug/L #	96
42) Toluene	8.76	91	709446	5.799	ug/L	99
43) 1,3,5-Trimethylbenzene	11.49	105	672486	5.900	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	658283	5.833	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	220347	5.774	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	115649	5.510	ug/L	96
49) Tetrachloroethene	9.32	164	148241	5.543	ug/L	96
50) 2-Hexanone	9.47	43	704487	53.802	ug/L #	87
51) Dibromochloromethane	9.56	129	146947	5.093	ug/L	99
52) 1,2-Dibromoethane	9.65	107	110990	5.336	ug/L	97
53) Chlorobenzene	10.12	112	451423	5.423	ug/L	98
54) Ethylbenzene	10.24	91	786923	5.931	ug/L	98
55) m,p-xylene	10.34	106	316154	5.968	ug/L	96
56) o-xylene	10.68	106	288849	5.621	ug/L	100
57) Styrene	10.70	104	479688	5.605	ug/L	99
58) Isopropylbenzene	11.00	105	768188	5.785	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	126431	5.062	ug/L	92
62) Bromoform	10.84	173	85531	4.941	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	365899	5.260	ug/L	93
64) 1,4-Dichlorobenzene	12.08	146	375584	5.484	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	367169	5.698	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.98	75	27378	4.827	ug/L	97
68) 1,3,5-Trichlorobenzene	13.15	180	342102	5.838	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	247198	5.773	ug/L	99
70) Naphthalene	13.82	128	441785	5.880	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	230427	5.820	ug/L	99

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

