

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051521\
 Data File : VX022016.D
 Acq On : 14 May 2021 23:45
 Operator : JC/MD
 Sample : M2395-10MSD
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW6E5MSD

Quant Time: May 15 00:42:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 14 23:38:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	72743	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	66407	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31456	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25247	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.672	69	19995	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	2.306	63	48890	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	4.471	46	63100	44.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.66%
24) Chloroform-d	5.062	84	48871	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.964	65	25212	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.983	84	104998	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	7.312	67	31759	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	8.653	98	98407	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloroprop...	8.952	79	12418	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	9.391	63	54919	42.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.78%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	22132	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
66) 1,2-Dichlorobenzene-d4	12.323	152	29599	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	32025	4.89	ug/L	100
3) Chloromethane	1.288	50	30261	4.53	ug/L	100
5) Vinyl chloride	1.374	62	33493	4.68	ug/L	98
6) Bromomethane	1.611	94	15198	3.93	ug/L	92
8) Chloroethane	1.691	64	19813	4.60	ug/L	92
9) Trichlorofluoromethane	1.892	101	44512	4.75	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	26007	4.77	ug/L	98
12) 1,1-Dichloroethene	2.319	96	26240	5.01	ug/L #	76
13) Acetone	2.392	43	40151	55.13	ug/L	100
14) Carbon disulfide	2.514	76	80358	4.74	ug/L	96
15) Methyl Acetate	2.709	43	10236	4.40	ug/L	98
16) Methylene chloride	2.794	84	27440	3.81	ug/L	98
17) Methyl tert-butyl Ether	3.117	73	64981	5.01	ug/L	99
18) trans-1,2-Dichloroethene	3.093	96	28412	5.02	ug/L	94
19) 1,1-Dichloroethane	3.611	63	49409	5.07	ug/L	95
21) 2-Butanone	4.568	43	69688	51.97	ug/L	97
22) cis-1,2-Dichloroethene	4.495	96	30973	5.07	ug/L	97
23) Bromochloromethane	4.904	128	11960	5.02	ug/L	97
25) Chloroform	5.099	83	53531	5.28	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	30786	5.21	ug/L #	94
29) 1,1,1-Trichloroethane	5.391	97	45207	4.93	ug/L	100
30) Cyclohexane	5.477	56	47051	4.79	ug/L	99
31) Carbon tetrachloride	5.678	117	38561	4.96	ug/L	98
33) Benzene	6.050	78	114717	5.00	ug/L	100
34) Trichloroethene	7.129	95	30554	5.12	ug/L	92
35) Methylcyclohexane	7.385	83	47297	4.63	ug/L	99
37) 1,2-Dichloropropane	7.440	63	28297	5.07	ug/L	98
38) Bromodichloromethane	7.824	83	35240	4.93	ug/L	92
39) cis-1,3-Dichloropropene	8.372	75	41959	4.82	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	178770	51.52	ug/L	99
42) Toluene	8.720	91	124946	5.12	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	34645	4.82	ug/L	95
45) 1,1,2-Trichloroethane	9.159	97	19979	5.21	ug/L	96
47) Tetrachloroethene	9.275	164	29343	7.36	ug/L	96
48) 2-Hexanone	9.433	43	125951	51.99	ug/L	99
49) Dibromochloromethane	9.525	129	21754	4.85	ug/L	95
50) 1,2-Dibromoethane	9.610	107	17811	5.04	ug/L	98
51) Chlorobenzene	10.079	112	75770	5.01	ug/L	96
52) Ethylbenzene	10.195	91	137809	5.06	ug/L	98
53) m,p-xylene	10.305	106	52196	4.99	ug/L	92
54) o-xylene	10.646	106	50784	5.02	ug/L	94
55) Styrene	10.659	104	83003	4.89	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	23529	5.22	ug/L	99
59) Bromoform	10.805	173	10116	4.70	ug/L	100
60) Isopropylbenzene	10.963	105	131941	4.92	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	17061	5.24	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	114598	5.09	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	115816	4.99	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	53707	4.88	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	53753	4.91	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	49544	4.92	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	3544	4.54	ug/L	91
69) 1,3,5-Trichlorobenzene	13.116	180	37098	4.73	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	32191	4.83	ug/L	96
71) Naphthalene	13.780	128	73118	5.08	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	28611	4.86	ug/L	97

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

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