

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022663.D
 Acq On : 07 Oct 2021 14:22
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV240

Quant Time: Oct 08 03:58:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 02:46:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	125345	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	119644	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66856	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	41868	4.855	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.564	69	38461	4.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.108	63	83200	4.918	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	3.973	46	116582	51.557	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.120%
24) Chloroform-d	4.339	84	87744	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.034	65	41896	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.040	84	172404	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.079	67	52617	4.988	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.326	98	159383	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	7.632	79	17366	4.963	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.108	63	77771	55.153	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.300%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	36464	5.103	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	61590	4.969	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	47535	5.203	ug/L	98
3) Chloromethane	1.230	50	44940	4.895	ug/L	99
5) Vinyl chloride	1.301	62	47089	4.964	ug/L	99
6) Bromomethane	1.519	94	29815	5.042	ug/L	100
8) Chloroethane	1.584	64	29513	5.028	ug/L	99
9) Trichlorofluoromethane	1.751	101	72583	5.223	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	40849	5.054	ug/L	98
12) 1,1-Dichloroethene	2.117	96	37534	4.957	ug/L	91
13) Acetone	2.278	43	58083	46.064	ug/L	94
14) Carbon disulfide	2.291	76	107631	5.058	ug/L	99
15) Methyl Acetate	2.468	43	19391	5.375	ug/L #	89
16) Methylene chloride	2.503	84	44861	4.305	ug/L	96
17) Methyl tert-butyl Ether	2.783	73	93100	5.082	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	40022	4.861	ug/L	96
19) 1,1-Dichloroethane	3.182	63	74458	5.021	ug/L	96
21) 2-Butanone	4.053	43	106386	51.530	ug/L	76
22) cis-1,2-Dichloroethene	3.899	96	43205	4.997	ug/L	94
23) Bromochloromethane	4.233	128	20291	5.283	ug/L	96
25) Chloroform	4.365	83	83139	4.836	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	43018	5.014	ug/L #	93
29) 1,1,1-Trichloroethane	4.593	97	67224	4.920	ug/L	98
30) Cyclohexane	4.654	56	63222	5.015	ug/L	99
31) Carbon tetrachloride	4.809	117	59147	4.988	ug/L	99
33) Benzene	5.092	78	167251	5.190	ug/L	100
34) Trichloroethene	5.912	95	44597	5.089	ug/L	96
35) Methylcyclohexane	6.130	83	65912	5.369	ug/L	94
37) 1,2-Dichloropropane	6.185	63	39503	5.097	ug/L	100
38) Bromodichloromethane	6.529	83	48236	5.051	ug/L	98
39) cis-1,3-Dichloropropene	7.040	75	53765	5.241	ug/L	100
40) 4-Methyl-2-pentanone	7.252	43	227367	54.601	ug/L	99
42) Toluene	7.397	91	175929	5.378	ug/L	99
44) trans-1,3-Dichloropropene	7.661	75	45491	5.439	ug/L	93
45) 1,1,2-Trichloroethane	7.850	97	29395	5.111	ug/L	99
47) Tetrachloroethene	7.982	164	36738	5.184	ug/L	98
48) 2-Hexanone	8.156	43	172629	56.698	ug/L	98
49) Dibromochloromethane	8.252	129	35220	5.232	ug/L	90
50) 1,2-Dibromoethane	8.362	107	28251	5.261	ug/L	97
51) Chlorobenzene	8.886	112	112952	5.255	ug/L	97
52) Ethylbenzene	9.018	91	173765	5.232	ug/L	98
53) m,p-xylene	9.143	106	68639	5.266	ug/L	99
54) o-xylene	9.548	106	66665	5.437	ug/L	95
55) Styrene	9.564	104	116821	5.529	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	30795	5.293	ug/L	94
59) Bromoform	9.735	173	19005	5.075	ug/L	96
60) Isopropylbenzene	9.934	105	179949	5.299	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23802	5.124	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	143894	5.244	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	148406	5.405	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	93379	5.239	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	92500	5.111	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	88026	5.265	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4477	5.295	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	72237	5.380	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	58010	5.656	ug/L	97
71) Naphthalene	13.503	128	90223	5.535	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	54098	5.594	ug/L	99

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

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