

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027599.D
 Acq On : 30 Aug 2022 20:33
 Operator : SY/MD
 Sample : N4418-02MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD1MS

Quant Time: Aug 31 04:51:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	151926	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78299	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	53347	4.934	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.565	69	42782	5.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	2.108	63	102826	4.078	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.889	46	81764	60.763	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.520%
24) Chloroform-d	4.346	84	107194	4.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.034	65	50856	5.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.047	84	200874	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.069	67	60109	4.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.313	98	180408	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	7.625	79	17680	4.250	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.088	63	78321	57.190	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44314	5.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	55997	4.824	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	69443	4.308	ug/L	99
3) Chloromethane	1.240	50	66870	4.750	ug/L	99
5) Vinyl chloride	1.310	62	69375	4.895	ug/L	96
6) Bromomethane	1.519	94	25970	3.706	ug/L	100
8) Chloroethane	1.581	64	42620	5.146	ug/L	99
9) Trichlorofluoromethane	1.751	101	107549	4.777	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	55554	4.371	ug/L	96
12) 1,1-Dichloroethene	2.114	96	48260	4.198	ug/L	88
13) Acetone	2.169	43	60060	46.737	ug/L	99
14) Carbon disulfide	2.291	76	119658	3.793	ug/L	99
15) Methyl Acetate	2.433	43	9442	2.653	ug/L	98
16) Methylene chloride	2.503	84	62216	3.590	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	115810	4.869	ug/L	95
18) trans-1,2-Dichloroethene	2.757	96	54063	4.565	ug/L	95
19) 1,1-Dichloroethane	3.185	63	120301	4.907	ug/L	100
21) 2-Butanone	3.970	43	99248	58.033	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	65872	5.219	ug/L	99
23) Bromochloromethane	4.246	128	26590	4.778	ug/L	95
25) Chloroform	4.371	83	132980	4.988	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	71300	5.264	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	108106	4.668	ug/L	100
30) Cyclohexane	4.674	56	72893	4.100	ug/L	92
31) Carbon tetrachloride	4.825	117	95143	4.724	ug/L	96
33) Benzene	5.098	78	252273	5.029	ug/L	100
34) Trichloroethene	5.912	95	62594	4.741	ug/L	98
35) Methylcyclohexane	6.130	83	74983	4.038	ug/L	99
37) 1,2-Dichloropropane	6.172	63	67602	5.054	ug/L	100
38) Bromodichloromethane	6.510	83	87518	5.161	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	61944	3.841	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	338834	56.702	ug/L	100
42) Toluene	7.387	91	267322	5.162	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	54949	4.031	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	47300	5.532	ug/L	94
47) Tetrachloroethene	7.976	164	53586	5.210	ug/L	97
48) 2-Hexanone	8.140	43	251893	58.499	ug/L	97
49) Dibromochloromethane	8.246	129	52471	4.990	ug/L	99
50) 1,2-Dibromoethane	8.352	107	40003	5.360	ug/L	92
51) Chlorobenzene	8.879	112	163854	4.889	ug/L	98
52) Ethylbenzene	9.011	91	249454	4.720	ug/L	100
53) m,p-Xylene	9.137	106	100507	4.969	ug/L	98
54) o-Xylene	9.542	106	93765	4.779	ug/L	99
55) Styrene	9.561	104	66154	1.982	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	53966	5.603	ug/L	100
59) Bromoform	9.731	173	25168	4.796	ug/L	99
60) Isopropylbenzene	9.931	105	251052	4.873	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	38360	5.585	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	65122	4.559	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	185510	4.609	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	127607	5.027	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	126405	4.995	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	118043	5.129	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	7488	4.907	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	87110	4.597	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	61534	4.469	ug/L	99
71) Naphthalene	13.500	128	81296	4.277	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	56065	4.585	ug/L	99

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

