

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027603.D
 Acq On : 30 Aug 2022 22:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005392

Quant Time: Aug 31 04:53:21 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	158474	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150826	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76442	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49400	4.380	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.564	69	42253	5.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.108	63	94793	3.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.889	46	114199	81.360	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	162.720%#
24) Chloroform-d	4.346	84	111711	4.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.034	65	51374	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.050	84	192643	4.611	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.069	67	60001	4.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.313	98	168683	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.625	79	19743	4.747	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.092	63	87228	63.719	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.440%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43350	5.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	52596	4.641	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	70078	4.167	ug/L	100
3) Chloromethane	1.240	50	71957	4.900	ug/L	99
5) Vinyl chloride	1.310	62	70932	4.799	ug/L	97
6) Bromomethane	1.519	94	32409	4.434	ug/L	95
8) Chloroethane	1.584	64	44924	5.200	ug/L	97
9) Trichlorofluoromethane	1.751	101	97564	4.154	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	55760	4.206	ug/L	97
12) 1,1-Dichloroethene	2.114	96	48810	4.071	ug/L	94
13) Acetone	2.175	43	86586	64.594	ug/L	97
14) Carbon disulfide	2.291	76	119115	3.620	ug/L	100
15) Methyl Acetate	2.436	43	22758	6.131	ug/L	95
16) Methylene chloride	2.503	84	90680	5.016	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	127331	5.133	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	55411	4.486	ug/L	96
19) 1,1-Dichloroethane	3.188	63	126699	4.954	ug/L	99
21) 2-Butanone	3.976	43	133329	74.739	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	62868	4.776	ug/L	96
23) Bromochloromethane	4.246	128	27069	4.663	ug/L	93
25) Chloroform	4.371	83	137539	4.946	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	73646	5.212	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	114215	4.933	ug/L	99
30) Cyclohexane	4.674	56	77149	4.341	ug/L	97
31) Carbon tetrachloride	4.825	117	93638	4.651	ug/L	98
33) Benzene	5.098	78	258197	5.149	ug/L	100
34) Trichloroethene	5.915	95	62060	4.703	ug/L	96
35) Methylcyclohexane	6.127	83	79947	4.307	ug/L	97
37) 1,2-Dichloropropane	6.172	63	68596	5.131	ug/L	100
38) Bromodichloromethane	6.506	83	88699	5.233	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	80086	4.968	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	366525	61.359	ug/L	98
42) Toluene	7.387	91	265676	5.133	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	68448	5.023	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	46871	5.484	ug/L	93
47) Tetrachloroethene	7.976	164	46818	4.554	ug/L	98
48) 2-Hexanone	8.140	43	266029	61.806	ug/L	99
49) Dibromochloromethane	8.243	129	53828	5.121	ug/L	92
50) 1,2-Dibromoethane	8.352	107	40578	5.439	ug/L	92
51) Chlorobenzene	8.879	112	165130	4.929	ug/L	97
52) Ethylbenzene	9.011	91	258269	4.888	ug/L	100
53) m,p-Xylene	9.136	106	101513	5.021	ug/L	98
54) o-Xylene	9.542	106	98615	5.028	ug/L	99
55) Styrene	9.561	104	177259	5.313	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	54468	5.657	ug/L	97
59) Bromoform	9.731	173	26001	5.075	ug/L	98
60) Isopropylbenzene	9.931	105	264679	5.262	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	38228	5.701	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	67918	4.870	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	196100	4.991	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	130390	5.262	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	129521	5.243	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	119984	5.340	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	8324	5.587	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	93271	5.042	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	68222	5.075	ug/L	99
71) Naphthalene	13.500	128	99347	5.354	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	63437	5.313	ug/L	98

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

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