

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032023\
 Data File : VV030269.D
 Acq On : 20 Mar 2023 19:59
 Operator : SY/MD
 Sample : 01997-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC9MSD

Quant Time: Mar 21 02:59:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	122364	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	118088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	64777	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	27588	3.484	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.539	69	28020	3.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.069	63	66695	4.097	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.818	46	79337	54.349	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.700%
24) Chloroform-d	4.262	84	71980	4.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.953	65	36522	5.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
32) Benzene-d6	4.973	84	123665	3.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.800%
36) 1,2-Dichloropropane-d6	5.998	67	37014	3.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.400%
41) Toluene-d8	7.252	98	120703	4.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.564	79	14972	4.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.034	63	63757	47.121	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.240%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	28811	4.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	47521	4.336	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	38741	3.891	ug/L	99
3) Chloromethane	1.217	50	52842	3.368	ug/L	96
5) Vinyl chloride	1.288	62	41700	4.000	ug/L	99
6) Bromomethane	1.494	94	12573	6.718	ug/L	92
8) Chloroethane	1.555	64	25984	4.090	ug/L	99
9) Trichlorofluoromethane	1.719	101	71912	4.807	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	38942	4.198	ug/L	97
12) 1,1-Dichloroethene	2.076	96	32983	4.017	ug/L	87
13) Acetone	2.143	43	54989	50.967	ug/L #	64
14) Carbon disulfide	2.249	76	70542	3.211	ug/L	100
15) Methyl Acetate	2.391	43	11238	4.460	ug/L	94
16) Methylene chloride	2.455	84	33102	3.300	ug/L	90
17) Methyl tert-butyl Ether	2.712	73	74087	4.613	ug/L #	93
18) trans-1,2-Dichloroethene	2.703	96	30735	3.934	ug/L	92
19) 1,1-Dichloroethane	3.121	63	63681	4.376	ug/L	98
21) 2-Butanone	3.899	43	67827	46.744	ug/L	89
22) cis-1,2-Dichloroethene	3.825	96	35469	4.108	ug/L	99
23) Bromochloromethane	4.159	128	16246	4.403	ug/L	97
25) Chloroform	4.288	83	72560	4.793	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	42820	5.408	ug/L #	92
29) 1,1,1-Trichloroethane	4.526	97	66288	4.779	ug/L	97
30) Cyclohexane	4.593	56	45848	3.825	ug/L	96
31) Carbon tetrachloride	4.748	117	58590	4.699	ug/L	100
33) Benzene	5.021	78	134800	4.180	ug/L	100
34) Trichloroethene	5.844	95	35901	3.973	ug/L	96
35) Methylcyclohexane	6.059	83	49463	3.617	ug/L	93
37) 1,2-Dichloropropane	6.104	63	34740	4.234	ug/L	97
38) Bromodichloromethane	6.442	83	48006	4.583	ug/L	99
39) cis-1,3-Dichloropropene	6.963	75	48884	4.070	ug/L	100
40) 4-Methyl-2-pentanone	7.169	43	187783	55.464	ug/L	91
42) Toluene	7.323	91	148316	4.246	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	40846	4.356	ug/L	94
45) 1,1,2-Trichloroethane	7.780	97	24739	4.214	ug/L	98
47) Tetrachloroethene	7.915	164	43726	5.637	ug/L	98
48) 2-Hexanone	8.085	43	134008	55.289	ug/L	92
49) Dibromochloromethane	8.185	129	30848	4.490	ug/L	95
50) 1,2-Dibromoethane	8.291	107	22037	4.023	ug/L #	100
51) Chlorobenzene	8.821	112	98564	4.184	ug/L	97
52) Ethylbenzene	8.953	91	163234	4.294	ug/L	98
53) m,p-Xylene	9.082	106	63659	4.357	ug/L	97
54) o-Xylene	9.487	106	60268	4.319	ug/L	95
55) Styrene	9.503	104	103502	4.460	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	27556	4.196	ug/L	98
59) Bromoform	9.673	173	17531	4.515	ug/L	96
60) Isopropylbenzene	9.876	105	166812	4.475	ug/L	99
61) 1,2,3-Trichloropropane	10.220	75	19154	4.418	ug/L	96
62) 1,3,5-Trimethylbenzene	10.484	105	137574	4.493	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	143599	4.585	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	86622	4.463	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	87366	4.462	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	78531	4.583	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	4721	4.876	ug/L	86
69) 1,3,5-Trichlorobenzene	12.593	180	68155	4.272	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	53548	4.143	ug/L	98
71) Naphthalene	13.448	128	77414	4.584	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	46620	4.382	ug/L	99

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

