

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027334.D
 Acq On : 12 Aug 2022 15:59
 Operator : SY/MD
 Sample : N4145-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY132MSD

Quant Time: Aug 13 01:38:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 08:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	164887	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	173612	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93954	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	56814	3.966	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.561	69	44338	4.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.105	63	102058	3.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	3.873	46	132419	54.581	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.160%
24) Chloroform-d	4.346	84	120195	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.027	65	56558	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.047	84	204184	3.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.066	67	66394	4.193	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.314	98	189780	4.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.622	79	23818	4.342	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.085	63	100730	47.454	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.900%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53590	4.678	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	68715	4.237	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	100409	5.124	ug/L	99
3) Chloromethane	1.237	50	99383	5.070	ug/L	98
5) Vinyl chloride	1.307	62	87247	4.772	ug/L	99
6) Bromomethane	1.513	94	45215	5.297	ug/L	100
8) Chloroethane	1.577	64	48411	4.763	ug/L	96
9) Trichlorofluoromethane	1.748	101	121368	4.972	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	58163	5.074	ug/L	97
12) 1,1-Dichloroethene	2.111	96	55183	4.647	ug/L	93
13) Acetone	2.156	43	87488	48.798	ug/L	96
14) Carbon disulfide	2.288	76	218664	4.599	ug/L	98
15) Methyl Acetate	2.429	43	22834	5.231	ug/L	95
16) Methylene chloride	2.500	84	73662	3.863	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	130339	4.703	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	68848	4.714	ug/L	97
19) 1,1-Dichloroethane	3.185	63	134514	4.811	ug/L	99
21) 2-Butanone	3.960	43	143989	58.984	ug/L	99
22) cis-1,2-Dichloroethene	3.909	96	69843	4.863	ug/L	95
23) Bromochloromethane	4.246	128	32410	4.828	ug/L	99
25) Chloroform	4.372	83	136688	4.758	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	77396	4.714	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	118138	4.835	ug/L	99
30) Cyclohexane	4.671	56	98476	4.975	ug/L	99
31) Carbon tetrachloride	4.825	117	105186	4.947	ug/L	98
33) Benzene	5.095	78	282685	4.764	ug/L	100
34) Trichloroethene	5.912	95	69423	4.700	ug/L	99
35) Methylcyclohexane	6.127	83	99120	4.874	ug/L	99
37) 1,2-Dichloropropane	6.172	63	74164	5.057	ug/L	99
38) Bromodichloromethane	6.506	83	88231	4.668	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	90696	5.059	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	374053	49.417	ug/L	99
42) Toluene	7.384	91	310289	5.241	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	77401	4.935	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	49925	4.774	ug/L	99
47) Tetrachloroethene	7.973	164	58044	5.004	ug/L	96
48) 2-Hexanone	8.137	43	271591	50.001	ug/L	98
49) Dibromochloromethane	8.243	129	59581	4.867	ug/L	97
50) 1,2-Dibromoethane	8.352	107	45929	4.940	ug/L	94
51) Chlorobenzene	8.879	112	191412	4.964	ug/L	99
52) Ethylbenzene	9.011	91	299835	5.040	ug/L	99
53) m,p-Xylene	9.137	106	117904	5.197	ug/L	98
54) o-Xylene	9.542	106	112410	5.066	ug/L	98
55) Styrene	9.561	104	202915	5.318	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	56510	4.848	ug/L	96
59) Bromoform	9.731	173	28657	4.523	ug/L	97
60) Isopropylbenzene	9.931	105	298167	5.039	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	40759	4.504	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	77025	4.709	ug/L	95
63) 1,2,4-Trimethylbenzene	10.915	105	223599	4.769	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	148233	5.013	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	144754	4.865	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	137139	4.980	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	8654	4.578	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	102976	4.829	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	74351	4.666	ug/L	97
71) Naphthalene	13.500	128	109353	4.441	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	67550	4.548	ug/L	96

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

