

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061222\
 Data File : VV026174.D
 Acq On : 12 Jun 2022 19:56
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV266

Quant Time: Jun 13 02:48:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:42:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	167267	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	155914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74235	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	113851	5.205	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.000%
7) Chloroethane-d5	1.581	69	90425	5.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.121	63	179510	5.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.000%
20) 2-Butanone-d5	3.912	46	93846	57.507	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.020%
24) Chloroform-d	4.362	84	167203	5.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.043	65	67959	5.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.060	84	346645	5.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.000%
36) 1,2-Dichloropropane-d6	6.076	67	96427	5.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.317	98	314543	5.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.200%
43) trans-1,3-Dichloroprop...	7.625	79	30566	5.778	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.600%
46) 2-Hexanone-d5	8.092	63	102998	62.527	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	58223	5.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	95409	5.734	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	70460	4.583	ug/L	99
3) Chloromethane	1.256	50	80160	4.803	ug/L	99
5) Vinyl chloride	1.323	62	85261	4.879	ug/L	99
6) Bromomethane	1.536	94	48533	4.752	ug/L	98
8) Chloroethane	1.600	64	52761	4.839	ug/L	99
9) Trichlorofluoromethane	1.767	101	107893	4.584	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	60982	4.559	ug/L	97
12) 1,1-Dichloroethene	2.134	96	59684	4.666	ug/L	91
13) Acetone	2.201	43	40042	42.976	ug/L	92
14) Carbon disulfide	2.307	76	157849	4.860	ug/L	100
15) Methyl Acetate	2.455	43	12327	4.530	ug/L #	83
16) Methylene chloride	2.519	84	62285	4.725	ug/L	99
17) Methyl tert-butyl Ether	2.783	73	105329	5.065	ug/L	100
18) trans-1,2-Dichloroethene	2.777	96	58621	4.780	ug/L	98
19) 1,1-Dichloroethane	3.204	63	114224	4.854	ug/L	98
21) 2-Butanone	4.005	43	60587	47.771	ug/L	86
22) cis-1,2-Dichloroethene	3.925	96	63779	5.170	ug/L	96
23) Bromochloromethane	4.262	128	25512	4.953	ug/L	96
25) Chloroform	4.388	83	118580	4.821	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	56303	4.925	ug/L	97
29) 1,1,1-Trichloroethane	4.619	97	99966	4.890	ug/L	98
30) Cyclohexane	4.690	56	78133	4.990	ug/L	100
31) Carbon tetrachloride	4.838	117	81549	4.936	ug/L	98
33) Benzene	5.108	78	251787	5.340	ug/L	100
34) Trichloroethene	5.921	95	63353	4.975	ug/L	98
35) Methylcyclohexane	6.137	83	82196	4.774	ug/L	99
37) 1,2-Dichloropropane	6.178	63	60332	4.939	ug/L	99
38) Bromodichloromethane	6.516	83	73896	5.079	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	76662	5.625	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	241141	55.164	ug/L	97
42) Toluene	7.391	91	264059	5.289	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	57513	5.365	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	40144	5.221	ug/L	97
47) Tetrachloroethene	7.979	164	44878	4.907	ug/L	99
48) 2-Hexanone	8.143	43	174439	56.194	ug/L	98
49) Dibromochloromethane	8.246	129	44473	5.299	ug/L	96
50) 1,2-Dibromoethane	8.355	107	34354	5.223	ug/L	100
51) Chlorobenzene	8.883	112	160620	5.004	ug/L	97
52) Ethylbenzene	9.011	91	255319	5.154	ug/L	98
53) m,p-Xylene	9.140	106	98765	5.209	ug/L	97
54) o-Xylene	9.545	106	96866	5.284	ug/L	96
55) Styrene	9.561	104	166355	5.504	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	40406	5.184	ug/L	96
59) Bromoform	9.731	173	18809	5.276	ug/L	99
60) Isopropylbenzene	9.931	105	252443	5.200	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	29250	5.137	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	191060	4.991	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	194261	5.156	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	118711	5.129	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	118168	5.146	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	105765	5.097	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5013	5.016	ug/L #	84
69) 1,3,5-Trichlorobenzene	12.644	180	80916	4.974	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	59757	5.103	ug/L	98
71) Naphthalene	13.500	128	89123	5.444	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	50685	5.242	ug/L	94

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

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