

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049212.D
 Acq On : 16 Jun 2022 17:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005117

Quant Time: Jun 17 02:25:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 01:23:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	124635	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58564	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39341	3.612	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.913	69	30325	4.113	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.565	65	15864	3.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.636	46	162438	55.863	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.720%
24) Chloroform-d	5.067	84	79062	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.703	65	43559	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.729	84	148601	4.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.694	67	52539	4.489	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.899	98	129852	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.182	79	20652	3.972	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.636	63	111416	53.115	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46919	5.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	50555	4.499	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	59567	5.598	ug/L	99
3) Chloromethane	1.520	50	61115	5.232	ug/L	100
5) Vinyl chloride	1.604	62	59480	5.676	ug/L	95
6) Bromomethane	1.858	94	25780	4.471	ug/L	92
8) Chloroethane	1.935	64	33653	5.549	ug/L	97
9) Trichlorofluoromethane	2.138	101	72280	5.944	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	40940	5.687	ug/L	100
12) 1,1-Dichloroethene	2.581	96	38787	5.535	ug/L	88
13) Acetone	2.649	43	88136	61.242	ug/L	97
14) Carbon disulfide	2.793	76	129258	5.584	ug/L	99
15) Methyl Acetate	2.957	43	22645	5.883	ug/L	100
16) Methylene chloride	3.047	84	49610	5.381	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	118204	5.576	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	43703	5.629	ug/L	98
19) 1,1-Dichloroethane	3.874	63	86318	5.638	ug/L	97
21) 2-Butanone	4.713	43	167624	61.083	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	48420	5.576	ug/L	98
23) Bromochloromethane	4.977	128	21207	5.705	ug/L	95
25) Chloroform	5.089	83	87504	5.694	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	56076	5.540	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	75504	5.519	ug/L	99
30) Cyclohexane	5.388	56	84102	5.409	ug/L	98
31) Carbon tetrachloride	5.527	117	63525	5.546	ug/L	99
33) Benzene	5.777	78	193544	5.682	ug/L	100
34) Trichloroethene	6.543	95	51063	5.864	ug/L	98
35) Methylcyclohexane	6.764	83	81261	5.565	ug/L	99
37) 1,2-Dichloropropane	6.793	63	52499	5.609	ug/L	100
38) Bromodichloromethane	7.108	83	63247	5.528	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	74757	5.255	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	398174	57.260	ug/L	99
42) Toluene	7.970	91	202051	5.594	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	63636	5.150	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	36033	5.523	ug/L	97
47) Tetrachloroethene	8.555	164	34671	5.774	ug/L	96
48) 2-Hexanone	8.687	43	290242	58.477	ug/L	99
49) Dibromochloromethane	8.813	129	41222	5.538	ug/L	100
50) 1,2-Dibromoethane	8.925	107	34713	5.739	ug/L	98
51) Chlorobenzene	9.449	112	123538	5.617	ug/L	99
52) Ethylbenzene	9.571	91	216457	5.487	ug/L	100
53) m,p-Xylene	9.694	106	80159	5.468	ug/L	96
54) o-Xylene	10.102	106	79020	5.436	ug/L	96
55) Styrene	10.115	104	134450	5.523	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	49138	5.690	ug/L	98
59) Bromoform	10.295	173	23518	5.346	ug/L	96
60) Isopropylbenzene	10.485	105	213900	5.362	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	35395	5.387	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	186972	5.310	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	186422	5.344	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	96045	5.626	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	93552	5.545	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	91107	5.609	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	8839	4.936	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	74140	5.791	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	61771	6.070	ug/L	97
71) Naphthalene	14.086	128	120563	5.961	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	58285	6.091	ug/L	99

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

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