

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U030922\
 Data File : U047429.D
 Acq On : 10 Mar 2022 02:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005092

Quant Time: Mar 10 03:55:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:51:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	170433	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	160960	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90858	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	41844	4.527	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.919	69	30357	4.474	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.572	65	18175	4.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	4.642	46	78073	47.440	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.880%
24) Chloroform-d	5.070	84	69916	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.706	65	34704	4.654	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.732	84	142985	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.694	67	41308	4.612	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.899	98	137363	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.182	79	17821	4.686	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.639	63	81610	48.716	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.440%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37170	4.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	52855	4.588	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	56829	4.453	ug/L	99
3) Chloromethane	1.527	50	60498	4.748	ug/L	97
5) Vinyl chloride	1.607	62	59805	4.771	ug/L	98
6) Bromomethane	1.864	94	32999	4.617	ug/L	99
8) Chloroethane	1.941	64	35679	4.687	ug/L	99
9) Trichlorofluoromethane	2.144	101	76841	4.653	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	44270	4.342	ug/L	99
12) 1,1-Dichloroethene	2.588	96	46195	4.616	ug/L	94
13) Acetone	2.655	43	69959	46.267	ug/L	95
14) Carbon disulfide	2.800	76	142828	4.650	ug/L	99
15) Methyl Acetate	2.961	43	19186	4.802	ug/L	94
16) Methylene chloride	3.054	84	54234	4.541	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	126478	4.901	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	49714	4.641	ug/L	97
19) 1,1-Dichloroethane	3.877	63	88634	4.864	ug/L	99
21) 2-Butanone	4.723	43	131619	48.336	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	56906	4.794	ug/L	98
23) Bromochloromethane	4.980	128	27962	4.930	ug/L	100
25) Chloroform	5.092	83	94243	4.777	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	62354	4.909	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	81767	4.917	ug/L	98
30) Cyclohexane	5.395	56	71941	4.490	ug/L	99
31) Carbon tetrachloride	5.530	117	70039	4.795	ug/L	99
33) Benzene	5.777	78	209924	4.829	ug/L	100
34) Trichloroethene	6.546	95	55357	4.764	ug/L	99
35) Methylcyclohexane	6.767	83	75974	4.145	ug/L	98
37) 1,2-Dichloropropane	6.793	63	52636	4.862	ug/L	100
38) Bromodichloromethane	7.108	83	70504	4.905	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	80069	4.878	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	371788	50.377	ug/L	99
42) Toluene	7.973	91	228441	4.837	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	72028	4.866	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	44294	4.992	ug/L	96
47) Tetrachloroethene	8.555	164	44763	4.541	ug/L	98
48) 2-Hexanone	8.690	43	269798	50.388	ug/L	99
49) Dibromochloromethane	8.812	129	53908	5.001	ug/L	98
50) 1,2-Dibromoethane	8.925	107	44455	4.924	ug/L	100
51) Chlorobenzene	9.449	112	149828	4.743	ug/L	99
52) Ethylbenzene	9.571	91	241720	4.726	ug/L	98
53) m,p-Xylene	9.697	106	94570	4.714	ug/L	97
54) o-Xylene	10.102	106	92433	4.755	ug/L	100
55) Styrene	10.115	104	158051	4.810	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	58406	4.918	ug/L	99
59) Bromoform	10.291	173	35255	5.154	ug/L	99
60) Isopropylbenzene	10.484	105	241424	4.749	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	42306	5.027	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	156461	4.693	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	203205	4.698	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	126049	4.678	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	125439	4.585	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	122706	4.740	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	9391	4.950	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	101637	4.599	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	90302	4.584	ug/L	99
71) Naphthalene	14.089	128	168811	4.791	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	85558	4.737	ug/L	99

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

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