

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062422\
 Data File : VU049377.D
 Acq On : 24 Jun 2022 09:59
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005124

Quant Time: Jun 25 00:09:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 01:47:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	126885	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	114838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38583	3.480	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.916	69	29367	3.912	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.200%
11) 1,1-Dichloroethene-d2	2.565	65	16219	3.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.639	46	158496	53.540	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.080%
24) Chloroform-d	5.067	84	76529	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.703	65	45330	4.751	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.729	84	144240	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.690	67	50893	4.334	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.899	98	134093	4.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.179	79	21885	4.195	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.636	63	110229	52.384	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.760%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46413	4.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	49047	4.436	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	48494	4.477	ug/L	99
3) Chloromethane	1.523	50	52073	4.379	ug/L	99
5) Vinyl chloride	1.604	62	50190	4.705	ug/L	99
6) Bromomethane	1.858	94	25444	4.335	ug/L	99
8) Chloroethane	1.935	64	29782	4.823	ug/L	98
9) Trichlorofluoromethane	2.141	101	65202	5.267	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	38803	5.294	ug/L	99
12) 1,1-Dichloroethene	2.581	96	34357	4.816	ug/L	95
13) Acetone	2.655	43	102519	69.973	ug/L	100
14) Carbon disulfide	2.793	76	100409	4.261	ug/L	98
15) Methyl Acetate	2.961	43	22602	5.768	ug/L	96
16) Methylene chloride	3.047	84	52314	5.574	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	113028	5.238	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	38249	4.839	ug/L	99
19) 1,1-Dichloroethane	3.871	63	77390	4.965	ug/L	95
21) 2-Butanone	4.716	43	167419	59.926	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	43815	4.956	ug/L	94
23) Bromochloromethane	4.980	128	19682	5.201	ug/L	91
25) Chloroform	5.089	83	77716	4.967	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	54215	5.261	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	66639	4.856	ug/L	99
30) Cyclohexane	5.388	56	69469	4.454	ug/L	97
31) Carbon tetrachloride	5.526	117	55852	4.861	ug/L	97
33) Benzene	5.774	78	168751	4.938	ug/L	100
34) Trichloroethene	6.542	95	42327	4.846	ug/L	97
35) Methylcyclohexane	6.764	83	67223	4.589	ug/L	98
37) 1,2-Dichloropropane	6.793	63	47892	5.101	ug/L	100
38) Bromodichloromethane	7.105	83	58062	5.059	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	66778	4.679	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	393142	56.358	ug/L	100
42) Toluene	7.970	91	175630	4.847	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	58647	4.731	ug/L	94
45) 1,1,2-Trichloroethane	8.401	97	34142	5.216	ug/L	99
47) Tetrachloroethene	8.552	164	29611	4.916	ug/L	98
48) 2-Hexanone	8.687	43	291018	58.449	ug/L	99
49) Dibromochloromethane	8.809	129	39939	5.348	ug/L	100
50) 1,2-Dibromoethane	8.925	107	33867	5.581	ug/L	96
51) Chlorobenzene	9.446	112	109563	4.966	ug/L	99
52) Ethylbenzene	9.571	91	188355	4.759	ug/L	100
53) m,p-Xylene	9.693	106	69078	4.697	ug/L	96
54) o-Xylene	10.099	106	68761	4.716	ug/L	98
55) Styrene	10.115	104	116115	4.755	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	48859	5.640	ug/L	98
59) Bromoform	10.292	173	22978	5.309	ug/L	97
60) Isopropylbenzene	10.484	105	183038	4.663	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	36494	5.644	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	156769	4.525	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	153218	4.464	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	82052	4.884	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	79924	4.814	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	81075	5.072	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	8073	4.581	ug/L	89
69) 1,3,5-Trichlorobenzene	13.217	180	58211	4.621	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	52482	5.241	ug/L	99
71) Naphthalene	14.086	128	115411	5.800	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	49787	5.288	ug/L	99

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

