

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051603.D
 Acq On : 29 Oct 2022 06:30
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005188

Quant Time: Oct 29 06:44:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 29 00:39:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	209089	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	218353	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	116484	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69995	4.445	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.909	69	79678	4.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.565	65	26083	4.564	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.616	46	313348	54.943	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.880%
24) Chloroform-d	5.063	84	188506	5.115	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.700	65	100944	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.726	84	335910	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.690	67	119305	4.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.896	98	266265	4.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.179	79	34274	4.652	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.629	63	250801	56.551	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.100%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	115932	5.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	100341	4.693	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	116418	5.091	ug/L	99
3) Chloromethane	1.523	50	127758	4.432	ug/L	100
5) Vinyl chloride	1.604	62	143947	5.213	ug/L	# 36
6) Bromomethane	1.851	94	23717	1.812	ug/L	87
8) Chloroethane	1.932	64	86981	5.188	ug/L	89
9) Trichlorofluoromethane	2.137	101	160026	5.280	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	92530	5.192	ug/L	98
12) 1,1-Dichloroethene	2.578	96	93261	5.131	ug/L	97
13) Acetone	2.620	43	157999	54.602	ug/L	99
14) Carbon disulfide	2.793	76	315627	5.386	ug/L	100
15) Methyl Acetate	2.948	43	41143	5.431	ug/L	96
16) Methylene chloride	3.044	84	133811	4.494	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	221188	5.307	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	102979	5.279	ug/L	99
19) 1,1-Dichloroethane	3.867	63	194103	5.394	ug/L	99
21) 2-Butanone	4.697	43	261604	57.730	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	115049	5.330	ug/L	99
23) Bromochloromethane	4.973	128	54887	5.438	ug/L	97
25) Chloroform	5.086	83	200908	5.382	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	122628	5.338	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	151077	5.096	ug/L	98
30) Cyclohexane	5.388	56	136814	5.012	ug/L	99
31) Carbon tetrachloride	5.523	117	128064	5.051	ug/L	98
33) Benzene	5.771	78	451764	5.243	ug/L	100
34) Trichloroethene	6.539	95	107699	5.179	ug/L	99
35) Methylcyclohexane	6.761	83	143138	4.978	ug/L	99
37) 1,2-Dichloropropane	6.790	63	118199	5.333	ug/L	99
38) Bromodichloromethane	7.102	83	144351	5.332	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	137572	4.838	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	631686	56.825	ug/L	100
42) Toluene	7.967	91	484334	5.473	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	120679	5.079	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	87911	5.413	ug/L	98
47) Tetrachloroethene	8.552	164	81956	5.146	ug/L	98
48) 2-Hexanone	8.681	43	473508	57.546	ug/L	99
49) Dibromochloromethane	8.806	129	97691	5.265	ug/L	98
50) 1,2-Dibromoethane	8.922	107	79165	5.403	ug/L #	95
51) Chlorobenzene	9.446	112	294797	5.293	ug/L	100
52) Ethylbenzene	9.568	91	451494	5.288	ug/L	100
53) m,p-Xylene	9.693	106	183648	5.537	ug/L	100
54) o-Xylene	10.098	106	176249	5.438	ug/L	98
55) Styrene	10.111	104	306573	5.657	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	111186	5.521	ug/L	99
59) Bromoform	10.288	173	55132	5.122	ug/L	99
60) Isopropylbenzene	10.481	105	445113	5.234	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	77318	5.133	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	109468	4.782	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	325979	4.938	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	219334	5.181	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	217864	5.133	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	210469	5.104	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	16429	5.297	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	143106	4.742	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	110130	4.754	ug/L	98
71) Naphthalene	14.082	128	198431	4.589	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	113083	4.834	ug/L	99

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

