

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061722\
 Data File : VU049277.D
 Acq On : 18 Jun 2022 04:29
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005121

Quant Time: Jun 18 06:49:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 05:20:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	126661	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	116369	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	60571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40612	3.669	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.912	69	29572	3.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.565	65	15036	3.378	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.632	46	159200	53.873	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.740%
24) Chloroform-d	5.063	84	75272	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.703	65	41214	4.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
32) Benzene-d6	5.729	84	135038	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.690	67	50365	4.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.896	98	117681	3.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	8.179	79	17425	3.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.632	63	116374	54.576	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46046	4.833	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	48420	4.166	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	52722	4.876	ug/L	97
3) Chloromethane	1.520	50	55847	4.705	ug/L	99
5) Vinyl chloride	1.604	62	55108	5.175	ug/L #	38
6) Bromomethane	1.858	94	19280	3.290	ug/L	99
8) Chloroethane	1.935	64	31211	5.064	ug/L	97
9) Trichlorofluoromethane	2.137	101	67844	5.490	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	39095	5.344	ug/L	98
12) 1,1-Dichloroethene	2.581	96	34792	4.885	ug/L	92
13) Acetone	2.649	43	89482	61.182	ug/L	99
14) Carbon disulfide	2.793	76	117056	4.976	ug/L	100
15) Methyl Acetate	2.957	43	23093	5.904	ug/L	100
16) Methylene chloride	3.044	84	43547	4.648	ug/L	97
17) Methyl tert-butyl Ether	3.366	73	110970	5.151	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	39695	5.031	ug/L	99
19) 1,1-Dichloroethane	3.870	63	81299	5.225	ug/L	96
21) 2-Butanone	4.713	43	159251	57.104	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	45257	5.128	ug/L	95
23) Bromochloromethane	4.976	128	19615	5.192	ug/L	95
25) Chloroform	5.089	83	80715	5.168	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	54880	5.335	ug/L	99
29) 1,1,1-Trichloroethane	5.317	97	68336	4.914	ug/L	97
30) Cyclohexane	5.388	56	73565	4.654	ug/L	98
31) Carbon tetrachloride	5.523	117	57171	4.910	ug/L	99
33) Benzene	5.774	78	179408	5.181	ug/L	100
34) Trichloroethene	6.542	95	44911	5.074	ug/L	98
35) Methylcyclohexane	6.764	83	70959	4.780	ug/L	99
37) 1,2-Dichloropropane	6.790	63	49324	5.184	ug/L	100
38) Bromodichloromethane	7.105	83	60606	5.211	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	63809	4.412	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	380804	53.871	ug/L	99
42) Toluene	7.970	91	183841	5.007	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	54592	4.346	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	34479	5.198	ug/L	95
47) Tetrachloroethene	8.552	164	31926	5.231	ug/L	98
48) 2-Hexanone	8.684	43	276956	54.893	ug/L	100
49) Dibromochloromethane	8.809	129	39708	5.247	ug/L	97
50) 1,2-Dibromoethane	8.925	107	32585	5.299	ug/L	95
51) Chlorobenzene	9.446	112	112300	5.023	ug/L	99
52) Ethylbenzene	9.571	91	199295	4.970	ug/L	99
53) m,p-Xylene	9.693	106	74695	5.012	ug/L	99
54) o-Xylene	10.098	106	72811	4.928	ug/L	98
55) Styrene	10.115	104	124067	5.013	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	47394	5.399	ug/L	97
59) Bromoform	10.291	173	22104	4.859	ug/L	97
60) Isopropylbenzene	10.484	105	195662	4.742	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	34379	5.059	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	166056	4.560	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	166823	4.624	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	87891	4.977	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	89004	5.100	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	85466	5.087	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	8482	4.579	ug/L	91
69) 1,3,5-Trichlorobenzene	13.217	180	66512	5.023	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	57995	5.510	ug/L	97
71) Naphthalene	14.085	128	118799	5.679	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	55898	5.648	ug/L	99

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

