

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032724\
 Data File : VU058221.D
 Acq On : 27 Mar 2024 11:24
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005167

Quant Time: Mar 28 04:43:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 26 01:41:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68533	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27516	4.751	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.911	69	25032	5.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.000%
11) 1,1-Dichloroethene-d2	2.560	65	11504	4.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.628	46	59461	57.791	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.580%
24) Chloroform-d	5.055	84	54711	5.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.695	65	26200	5.412	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.721	84	106484	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.682	67	33293	5.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.891	98	94473	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.174	79	10605	5.194	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.627	63	42900	51.883	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.760%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22963	5.532	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	29263	5.035	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	14558	5.157	ug/L	100
3) Chloromethane	1.515	50	16973	4.717	ug/L	95
5) Vinyl chloride	1.599	62	19639	4.998	ug/L	97
6) Bromomethane	1.853	94	10854	5.151	ug/L	93
8) Chloroethane	1.930	64	13764	5.312	ug/L	100
9) Trichlorofluoromethane	2.136	101	33237	5.205	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	20789	5.073	ug/L	98
12) 1,1-Dichloroethene	2.573	96	17207	5.008	ug/L	96
13) Acetone	2.644	43	34641	52.022	ug/L	97
14) Carbon disulfide	2.788	76	34019	4.432	ug/L	99
15) Methyl Acetate	2.952	43	7291	5.275	ug/L	99
16) Methylene chloride	3.036	84	22320	4.584	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	46471	5.040	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	17741	4.941	ug/L	98
19) 1,1-Dichloroethane	3.859	63	42795	5.305	ug/L	99
21) 2-Butanone	4.711	43	50557	49.974	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	22029	4.965	ug/L	96
23) Bromochloromethane	4.968	128	8673	5.238	ug/L	95
25) Chloroform	5.081	83	44470	5.256	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	24876	5.179	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	34971	5.081	ug/L	98
30) Cyclohexane	5.383	56	27151	4.516	ug/L	99
31) Carbon tetrachloride	5.518	117	29093	4.966	ug/L	98
33) Benzene	5.766	78	87469	5.003	ug/L	100
34) Trichloroethene	6.537	95	22187	4.871	ug/L	96
35) Methylcyclohexane	6.756	83	29198	4.596	ug/L	99
37) 1,2-Dichloropropane	6.782	63	25323	5.185	ug/L	99
38) Bromodichloromethane	7.100	83	28684	5.124	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	31727	5.122	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	123839	50.146	ug/L	99
42) Toluene	7.962	91	92440	5.004	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	25743	5.281	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	15664	5.092	ug/L	97
47) Tetrachloroethene	8.547	164	15518	5.086	ug/L	97
48) 2-Hexanone	8.679	43	89557	49.796	ug/L	95
49) Dibromochloromethane	8.801	129	17958	5.335	ug/L	96
50) 1,2-Dibromoethane	8.917	107	13904	5.250	ug/L	92
51) Chlorobenzene	9.441	112	59518	5.001	ug/L	99
52) Ethylbenzene	9.563	91	102410	4.965	ug/L	99
53) m,p-Xylene	9.688	106	36122	4.915	ug/L	100
54) o-Xylene	10.094	106	37825	5.098	ug/L	98
55) Styrene	10.110	104	60479	5.163	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	19274	5.315	ug/L	97
59) Bromoform	10.283	173	9049	5.521	ug/L #	95
60) Isopropylbenzene	10.479	105	95339	5.085	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	13824	5.289	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	79426	5.047	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	77883	4.983	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	45307	5.188	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	44492	5.272	ug/L	100
67) 1,2-Dichlorobenzene	12.206	146	42004	5.201	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.987	75	2489	6.315	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	31800	5.208	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	23068	5.065	ug/L	98
71) Naphthalene	14.084	128	27890	4.497	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	18575	4.981	ug/L	98

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

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