

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032724\
 Data File : VU058232.D
 Acq On : 27 Mar 2024 16:35
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005168

Quant Time: Mar 28 04:48:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 28 04:46:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68625	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66446	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32448	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24026	4.143	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.907	69	22865	4.830	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.563	65	9953	4.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	4.624	46	57830	56.131	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.260%
24) Chloroform-d	5.055	84	51413	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.695	65	25150	5.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.721	84	98392	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.682	67	31964	5.025	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.891	98	87126	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	8.174	79	9959	4.887	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.627	63	43512	52.719	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	21650	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	29710	4.917	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	12802	4.529	ug/L	98
3) Chloromethane	1.515	50	15352	4.261	ug/L	96
5) Vinyl chloride	1.599	62	18214	4.630	ug/L	94
6) Bromomethane	1.853	94	10124	4.798	ug/L	100
8) Chloroethane	1.930	64	13423	5.174	ug/L	98
9) Trichlorofluoromethane	2.136	101	31697	4.957	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	20598	5.019	ug/L	98
12) 1,1-Dichloroethene	2.573	96	15869	4.613	ug/L	96
13) Acetone	2.644	43	34070	51.096	ug/L	100
14) Carbon disulfide	2.788	76	30415	3.957	ug/L	98
15) Methyl Acetate	2.956	43	7043	5.088	ug/L	97
16) Methylene chloride	3.039	84	21164	4.341	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	44662	4.837	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	16755	4.660	ug/L	99
19) 1,1-Dichloroethane	3.859	63	40299	4.988	ug/L	99
21) 2-Butanone	4.705	43	48961	48.332	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	21380	4.812	ug/L	94
23) Bromochloromethane	4.968	128	8746	5.275	ug/L	98
25) Chloroform	5.078	83	42889	5.063	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	24619	5.118	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	32583	4.743	ug/L	97
30) Cyclohexane	5.380	56	25500	4.250	ug/L	97
31) Carbon tetrachloride	5.518	117	27800	4.753	ug/L	97
33) Benzene	5.766	78	83963	4.811	ug/L	100
34) Trichloroethene	6.534	95	21563	4.743	ug/L	98
35) Methylcyclohexane	6.756	83	28055	4.425	ug/L	98
37) 1,2-Dichloropropane	6.785	63	23955	4.914	ug/L	99
38) Bromodichloromethane	7.097	83	28399	5.082	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	30769	4.976	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	120362	48.826	ug/L	99
42) Toluene	7.965	91	88806	4.816	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	24769	5.091	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	15121	4.924	ug/L	98
47) Tetrachloroethene	8.547	164	15056	4.944	ug/L	95
48) 2-Hexanone	8.679	43	89115	49.641	ug/L	94
49) Dibromochloromethane	8.801	129	16758	4.987	ug/L	96
50) 1,2-Dibromoethane	8.917	107	13465	5.094	ug/L	91
51) Chlorobenzene	9.441	112	57681	4.855	ug/L	98
52) Ethylbenzene	9.563	91	97236	4.722	ug/L	99
53) m,p-Xylene	9.688	106	35243	4.804	ug/L	99
54) o-Xylene	10.094	106	36203	4.889	ug/L	99
55) Styrene	10.110	104	59004	5.046	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	18312	5.059	ug/L	97
59) Bromoform	10.287	173	8841	5.188	ug/L	99
60) Isopropylbenzene	10.476	105	94103	4.827	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	12939	4.762	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	76181	4.657	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	75628	4.655	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	44239	4.873	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	42854	4.884	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	41299	4.919	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	2340	5.711	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	31843	5.016	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	22610	4.775	ug/L	99
71) Naphthalene	14.084	128	26936	4.177	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	19015	4.905	ug/L	100

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

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