

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041724\
 Data File : VU058731.D
 Acq On : 17 Apr 2024 12:40
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

Quant Time: Apr 18 04:57:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 18 04:49:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	103379	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	81806	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	38784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	38852	5.677	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.600%
7) Chloroethane-d5	1.904	69	28659	4.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.554	65	14478	4.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.628	46	75439	52.302	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.600%
24) Chloroform-d	5.052	84	65353	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.692	65	33692	5.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.718	84	134343	6.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.000%
36) 1,2-Dichloropropane-d6	6.682	67	41087	5.949	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.000%
41) Toluene-d8	7.891	98	91535	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.174	79	11104	5.179	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.627	63	41833	47.306	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	22042	4.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	28534	4.368	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	39376	4.570	ug/L	99
3) Chloromethane	1.512	50	56044	5.315	ug/L	98
5) Vinyl chloride	1.596	62	61140	5.805	ug/L	100
6) Bromomethane	1.853	94	27752	5.570	ug/L	99
8) Chloroethane	1.924	64	30790	4.628	ug/L	100
9) Trichlorofluoromethane	2.126	101	60792	4.371	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	37511	4.539	ug/L	96
12) 1,1-Dichloroethene	2.570	96	33928	4.631	ug/L	93
13) Acetone	2.641	43	51512	41.843	ug/L	98
14) Carbon disulfide	2.782	76	120570	5.181	ug/L	100
15) Methyl Acetate	2.949	43	14088	4.850	ug/L	100
16) Methylene chloride	3.033	84	45827	4.713	ug/L	97
17) Methyl tert-butyl Ether	3.351	73	77460	4.476	ug/L	99
18) trans-1,2-Dichloroethene	3.341	96	35499	4.623	ug/L	96
19) 1,1-Dichloroethane	3.856	63	79628	4.751	ug/L	98
21) 2-Butanone	4.708	43	85067	46.231	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	38535	4.469	ug/L	95
23) Bromochloromethane	4.965	128	14995	4.414	ug/L	93
25) Chloroform	5.078	83	74532	4.595	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	47837	4.843	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	61534	5.610	ug/L	98
30) Cyclohexane	5.377	56	73251	6.324	ug/L	96
31) Carbon tetrachloride	5.512	117	51779	5.574	ug/L	99
33) Benzene	5.766	78	174120	5.872	ug/L	100
34) Trichloroethene	6.534	95	43056	5.760	ug/L	95
35) Methylcyclohexane	6.756	83	67641	6.006	ug/L	97
37) 1,2-Dichloropropane	6.782	63	47031	6.028	ug/L	98
38) Bromodichloromethane	7.097	83	50510	5.672	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	46443	4.681	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	175841	47.882	ug/L	99
42) Toluene	7.962	91	137929	4.434	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	36485	4.663	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	20590	4.519	ug/L	97
47) Tetrachloroethene	8.547	164	24257	4.427	ug/L	97
48) 2-Hexanone	8.679	43	128505	49.291	ug/L	97
49) Dibromochloromethane	8.801	129	22003	4.177	ug/L	98
50) 1,2-Dibromoethane	8.917	107	18322	4.397	ug/L	98
51) Chlorobenzene	9.441	112	80934	4.300	ug/L	100
52) Ethylbenzene	9.563	91	147001	4.461	ug/L	100
53) m,p-Xylene	9.688	106	53415	4.527	ug/L	99
54) o-Xylene	10.094	106	50513	4.367	ug/L	97
55) Styrene	10.110	104	84228	4.526	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	23551	4.190	ug/L	98
59) Bromoform	10.287	173	11372	4.389	ug/L	99
60) Isopropylbenzene	10.476	105	138171	4.866	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	17671	4.465	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	111462	4.814	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	110005	4.653	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	59333	4.302	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	58854	4.380	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	52525	4.187	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	3083	4.594	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.212	180	42847	4.201	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	29581	3.761	ug/L	97
71) Naphthalene	14.084	128	38132	3.538	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	24413	3.759	ug/L	99

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

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