

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059669.D
 Acq On : 29 Jun 2024 10:32
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005128

Quant Time: Jun 30 22:39:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	150746	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153617	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38380	3.662	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.907	69	41342	4.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.560	65	16670	3.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	4.621	46	106065	49.123	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.240%
24) Chloroform-d	5.055	84	96554	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.695	65	47855	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.721	84	191259	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.682	67	58896	4.546	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.891	98	186882	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.174	79	17999	4.437	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.627	63	92306	54.763	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.520%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52286	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	66499	4.608	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	60027	4.699	ug/L	100
3) Chloromethane	1.515	50	64726	4.708	ug/L	100
5) Vinyl chloride	1.599	62	73424	4.835	ug/L	98
6) Bromomethane	1.853	94	46525	4.406	ug/L	98
8) Chloroethane	1.927	64	46486	5.080	ug/L	97
9) Trichlorofluoromethane	2.132	101	90924	4.974	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	56618	4.892	ug/L	94
12) 1,1-Dichloroethene	2.573	96	51681	4.834	ug/L	85
13) Acetone	2.631	43	65383	46.681	ug/L	94
14) Carbon disulfide	2.788	76	167334	4.691	ug/L	100
15) Methyl Acetate	2.946	43	18180	4.919	ug/L #	89
16) Methylene chloride	3.039	84	64984	5.129	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	114472	4.969	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	56062	5.042	ug/L	87
19) 1,1-Dichloroethane	3.859	63	102530	5.001	ug/L	98
21) 2-Butanone	4.698	43	111350	49.565	ug/L	86
22) cis-1,2-Dichloroethene	4.656	96	61992	5.058	ug/L	92
23) Bromochloromethane	4.968	128	29887	5.349	ug/L	89
25) Chloroform	5.081	83	109054	5.050	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	62842	4.802	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	87702	4.944	ug/L	98
30) Cyclohexane	5.380	56	74987	4.788	ug/L	92
31) Carbon tetrachloride	5.518	117	73844	4.972	ug/L	99
33) Benzene	5.766	78	241652	5.180	ug/L	100
34) Trichloroethene	6.537	95	62084	4.914	ug/L	95
35) Methylcyclohexane	6.756	83	84754	4.715	ug/L	94
37) 1,2-Dichloropropane	6.782	63	60979	5.051	ug/L #	98
38) Bromodichloromethane	7.097	83	76381	5.069	ug/L	93
39) cis-1,3-Dichloropropene	7.602	75	75544	4.576	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	280826	50.202	ug/L	95
42) Toluene	7.962	91	261579	5.296	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	64173	4.843	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	47264	5.313	ug/L	93
47) Tetrachloroethene	8.547	164	51193	5.222	ug/L	94
48) 2-Hexanone	8.679	43	205831	51.557	ug/L #	93
49) Dibromochloromethane	8.801	129	51333	5.209	ug/L	97
50) 1,2-Dibromoethane	8.917	107	43021	5.237	ug/L	100
51) Chlorobenzene	9.441	112	161446	5.154	ug/L	96
52) Ethylbenzene	9.563	91	256261	5.058	ug/L	97
53) m,p-Xylene	9.688	106	101842	5.234	ug/L	95
54) o-Xylene	10.093	106	96148	5.207	ug/L	94
55) Styrene	10.110	104	168887	5.372	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	55867	5.177	ug/L	99
59) Bromoform	10.283	173	30976	4.992	ug/L #	99
60) Isopropylbenzene	10.476	105	253693	5.065	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	37157	4.959	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	192387	4.849	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	187875	4.953	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	130924	5.140	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	132466	5.052	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	120929	5.045	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.990	75	7358	5.035	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.212	180	90579	4.804	ug/L	96
70) 1,2,4-trichlorobenzene	13.833	180	69847	4.829	ug/L	97
71) Naphthalene	14.080	128	93944	4.538	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	64389	4.794	ug/L	99

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

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