

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060632.D
 Acq On : 05 Sep 2024 17:57
 Operator : MD/SY
 Sample : P3809-09MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YE3E3MS

Quant Time: Sep 06 02:08:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	150163	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77524	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	31219	4.707	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.910	69	31018	3.087	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.800%#
11) 1,1-Dichloroethene-d2	2.560	65	13824	3.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	4.634	46	96440	42.285	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.560%
24) Chloroform-d	5.055	84	77935	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.695	65	37723	3.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
32) Benzene-d6	5.721	84	145008	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.685	67	47004	4.500	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.891	98	132429	4.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.177	79	15950	4.267	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.627	63	73733	41.198	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	40635	4.372	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	47038	4.115	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	83812	4.919	ug/L	99
3) Chloromethane	1.518	50	88677	6.006	ug/L	100
5) Vinyl chloride	1.602	62	111324	7.657	ug/L	97
6) Bromomethane	1.856	94	43859	2.998	ug/L	98
8) Chloroethane	1.930	64	54091	4.078	ug/L	97
9) Trichlorofluoromethane	2.135	101	121550	3.846	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	61527	4.601	ug/L	99
12) 1,1-Dichloroethene	2.573	96	119992	9.750	ug/L #	87
13) Acetone	2.647	43	95546	50.065	ug/L	98
14) Carbon disulfide	2.788	76	186940	4.681	ug/L	100
15) Methyl Acetate	2.955	43	24406	6.254	ug/L	92
16) Methylene chloride	3.039	84	66708	5.580	ug/L	86
17) Methyl tert-butyl Ether	3.357	73	209750	8.398	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	61533	5.743	ug/L	99
19) 1,1-Dichloroethane	3.859	63	462418	21.298	ug/L	96
21) 2-Butanone	4.714	43	164803	63.146	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	162032	13.572	ug/L	96
23) Bromochloromethane	4.968	128	31272	5.763	ug/L	95
25) Chloroform	5.081	83	124514	5.419	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	78449	5.087	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	105549	5.205	ug/L	98
30) Cyclohexane	5.380	56	96712	5.761	ug/L	98
31) Carbon tetrachloride	5.518	117	91869	4.902	ug/L	98
33) Benzene	5.766	78	270072	5.751	ug/L	100
34) Trichloroethene	6.534	95	74916	5.885	ug/L	98
35) Methylcyclohexane	6.756	83	101643	5.820	ug/L	95
37) 1,2-Dichloropropane	6.782	63	73820	6.135	ug/L #	98
38) Bromodichloromethane	7.097	83	85746	5.423	ug/L	100
39) cis-1,3-Dichloropropene	7.601	75	97002	5.498	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	389223	62.110	ug/L	98
42) Toluene	7.962	91	287486	5.793	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	82190	5.675	ug/L	97
45) 1,1,2-Trichloroethane	8.392	97	51069	5.859	ug/L	99
47) Tetrachloroethene	8.547	164	53935	5.170	ug/L	98
48) 2-Hexanone	8.679	43	281986	60.126	ug/L	98
49) Dibromochloromethane	8.801	129	56929	5.641	ug/L	100
50) 1,2-Dibromoethane	8.917	107	46482	5.809	ug/L #	93
51) Chlorobenzene	9.441	112	187697	5.843	ug/L	97
52) Ethylbenzene	9.563	91	300138	5.707	ug/L	100
53) m,p-Xylene	9.688	106	116353	5.951	ug/L	96
54) o-Xylene	10.093	106	110038	5.498	ug/L	100
55) Styrene	10.109	104	189435	5.776	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	63574	5.712	ug/L #	92
59) Bromoform	10.283	173	34245	5.375	ug/L	100
60) Isopropylbenzene	10.476	105	297069	5.736	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	45250	6.051	ug/L	98
62) 1,3,5-Trimethylbenzene	11.080	105	230920	5.982	ug/L	96
63) 1,2,4-Trimethylbenzene	11.460	105	233887	5.940	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	144207	5.689	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	142449	5.538	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	141104	5.934	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	9690	5.741	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	106228	5.435	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	82123	5.208	ug/L	99
71) Naphthalene	14.080	128	157469	7.817	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	75818	5.745	ug/L	98

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

