

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060633.D
 Acq On : 05 Sep 2024 18:22
 Operator : MD/SY
 Sample : P3809-10MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YE3E3MSD

Quant Time: Sep 06 02:08:41 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	6.245	114	154878	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158091	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	80890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	33221	4.856	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.911	69	34447	3.324	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	66.400%	
11) 1,1-Dichloroethene-d2	2.560	65	15888	3.941	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.800%	
20) 2-Butanone-d5	4.631	46	103408	43.960	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	87.920%	
24) Chloroform-d	5.058	84	84775	4.347	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	5.695	65	41380	4.066	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.400%	
32) Benzene-d6	5.721	84	155935	4.511	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
36) 1,2-Dichloropropane-d6	6.682	67	50977	4.570	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.400%	
41) Toluene-d8	7.891	98	142208	4.385	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	8.177	79	17713	4.438	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.800%	
46) 2-Hexanone-d5	8.627	63	81617	42.710	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.420%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	43040	4.336	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	51254	4.297	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	81452	4.634	ug/L	98
3) Chloromethane	1.518	50	88859	5.835	ug/L	100
5) Vinyl chloride	1.602	62	109206	7.283	ug/L	99
6) Bromomethane	1.856	94	46824	3.103	ug/L	96
8) Chloroethane	1.930	64	51245	3.746	ug/L	97
9) Trichlorofluoromethane	2.136	101	118223	3.627	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	62211	4.511	ug/L	96
12) 1,1-Dichloroethene	2.576	96	118581	9.342	ug/L #	85
13) Acetone	2.650	43	95765	48.652	ug/L	98
14) Carbon disulfide	2.788	76	188367	4.573	ug/L	100
15) Methyl Acetate	2.956	43	22418	5.570	ug/L	98
16) Methylene chloride	3.039	84	65368	5.302	ug/L	92
17) Methyl tert-butyl Ether	3.357	73	217148	8.429	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	61010	5.521	ug/L	96
19) 1,1-Dichloroethane	3.859	63	470318	21.002	ug/L	97
21) 2-Butanone	4.711	43	159832	59.377	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	156097	12.677	ug/L	95
23) Bromochloromethane	4.968	128	30689	5.484	ug/L	96
25) Chloroform	5.078	83	124370	5.248	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	81765	5.140	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	103040	4.759	ug/L	96
30) Cyclohexane	5.380	56	96550	5.386	ug/L	99
31) Carbon tetrachloride	5.518	117	93272	4.661	ug/L	99
33) Benzene	5.766	78	271199	5.409	ug/L	100
34) Trichloroethene	6.537	95	74737	5.499	ug/L	96
35) Methylcyclohexane	6.756	83	97887	5.249	ug/L	97
37) 1,2-Dichloropropane	6.782	63	73695	5.736	ug/L	98
38) Bromodichloromethane	7.097	83	86232	5.108	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	98153	5.211	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	381204	56.970	ug/L	97
42) Toluene	7.962	91	291189	5.495	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	81782	5.288	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	49405	5.308	ug/L	99
47) Tetrachloroethene	8.547	164	54509	4.893	ug/L	97
48) 2-Hexanone	8.679	43	279316	55.778	ug/L	97
49) Dibromochloromethane	8.804	129	57773	5.362	ug/L	99
50) 1,2-Dibromoethane	8.917	107	47733	5.587	ug/L #	97
51) Chlorobenzene	9.441	112	192919	5.624	ug/L	99
52) Ethylbenzene	9.563	91	307451	5.475	ug/L	99
53) m,p-Xylene	9.688	106	117130	5.611	ug/L	99
54) o-Xylene	10.094	106	112340	5.257	ug/L	97
55) Styrene	10.106	104	190638	5.444	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	63978	5.384	ug/L	99
59) Bromoform	10.283	173	35181	5.292	ug/L	97
60) Isopropylbenzene	10.476	105	302247	5.593	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	44469	5.699	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	234986	5.834	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	236244	5.750	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	143090	5.410	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	140974	5.253	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	138857	5.596	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	9648	5.478	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	102591	5.031	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	83098	5.051	ug/L	97
71) Naphthalene	14.080	128	127451	6.063	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	72602	5.273	ug/L	99

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

