

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052520.D
 Acq On : 23 Dec 2022 02:47
 Operator : JC/MD
 Sample : N6169-09MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQA0MSD

Quant Time: Dec 23 06:45:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 23 06:08:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	218223	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	204610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	105006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	80041	3.620	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.400%
7) Chloroethane-d5	1.916	69	73807	3.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.568	65	36002	3.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.636	46	380731	55.534	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.060%
24) Chloroform-d	5.060	84	158294	4.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.697	65	94693	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.726	84	327445	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.687	67	113309	4.692	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.896	98	286059	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	8.176	79	41638	5.036	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.629	63	289165	63.918	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.840%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	105154	5.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	106322	4.973	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	87292	4.495	ug/L	100
3) Chloromethane	1.523	50	122202	4.360	ug/L	100
5) Vinyl chloride	1.604	62	120199	4.731	ug/L	99
6) Bromomethane	1.858	94	59245	4.090	ug/L	98
8) Chloroethane	1.935	64	74642	4.289	ug/L	99
9) Trichlorofluoromethane	2.141	101	130995	4.560	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	77251	4.524	ug/L	99
12) 1,1-Dichloroethene	2.581	96	78099	4.779	ug/L	93
13) Acetone	2.655	43	236947	46.883	ug/L	98
14) Carbon disulfide	2.793	76	236783	4.496	ug/L	99
15) Methyl Acetate	2.957	43	60826	5.463	ug/L	97
16) Methylene chloride	3.044	84	101002	4.375	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	246846	5.658	ug/L	97
18) trans-1,2-Dichloroethene	3.353	96	601655	35.720	ug/L	99
19) 1,1-Dichloroethane	3.867	63	173527	4.737	ug/L	98
21) 2-Butanone	4.716	43	411036	55.221	ug/L	92
22) cis-1,2-Dichloroethene	4.662	96	713425	38.595	ug/L	99
23) Bromochloromethane	4.973	128	42452	4.956	ug/L	98
25) Chloroform	5.086	83	165981	4.677	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	122226	4.985	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	128538	4.991	ug/L	97
30) Cyclohexane	5.385	56	163862	5.888	ug/L	97
31) Carbon tetrachloride	5.523	117	105385	4.657	ug/L	98
33) Benzene	5.771	78	389419	5.284	ug/L	100
34) Trichloroethene	6.539	95	96205	5.584	ug/L	97
35) Methylcyclohexane	6.761	83	146521	5.640	ug/L	96
37) 1,2-Dichloropropane	6.787	63	105826	5.146	ug/L	100
38) Bromodichloromethane	7.102	83	123612	4.938	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	141015	5.414	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	935571	62.254	ug/L	97
42) Toluene	7.967	91	389343	5.510	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	126067	5.493	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	77667	5.332	ug/L	98
47) Tetrachloroethene	8.549	164	70526	5.864	ug/L	96
48) 2-Hexanone	8.681	43	681322	60.145	ug/L	98
49) Dibromochloromethane	8.806	129	82880	5.374	ug/L	98
50) 1,2-Dibromoethane	8.919	107	73426	5.546	ug/L	99
51) Chlorobenzene	9.443	112	237646	5.266	ug/L	99
52) Ethylbenzene	9.565	91	402205	5.500	ug/L	99
53) m,p-Xylene	9.690	106	154529	5.731	ug/L	97
54) o-Xylene	10.095	106	154742	5.986	ug/L	99
55) Styrene	10.111	104	261164	5.808	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	111050	5.515	ug/L	97
59) Bromoform	10.285	173	47305	5.127	ug/L	99
60) Isopropylbenzene	10.478	105	382273	5.617	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	80764	5.363	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	321595	5.729	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	332590	5.886	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	178438	5.284	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	181935	5.210	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	176744	5.297	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	18933	5.554	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	130214	5.237	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	118043	5.642	ug/L	98
71) Naphthalene	14.082	128	282979	6.684	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	116434	5.552	ug/L	98

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

