

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045880.D
 Acq On : 18 Nov 2021 19:56
 Operator : SY/MD
 Sample : M4664-04MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4649MSD

Quant Time: Nov 19 00:56:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 11/19/2021
 Supervised By :Mahesh
 Dadoda
 11/19/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94240	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	96915	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	52125	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	31718	4.248	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.916	69	24951	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.568	65	13261	4.235	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.645	46	102567	51.260	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.520%
24) Chloroform-d	5.067	84	60208	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.706	65	33120	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.732	84	117268	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.694	67	37643	4.475	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.899	98	104741	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.182	79	15678	4.591	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.636	63	75682	49.243	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35285	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	39685	4.434	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	34179	4.454	ug/L	99
3) Chloromethane	1.520	50	33271	4.092	ug/L	99
5) Vinyl chloride	1.604	62	156777	19.210	ug/L	99
6) Bromomethane	1.861	94	11755	2.429	ug/L	100
8) Chloroethane	1.938	64	27280m	5.862	ug/L	
9) Trichlorofluoromethane	2.141	101	49971	4.743	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	28592	4.628	ug/L	98
12) 1,1-Dichloroethene	2.584	96	27161	4.656	ug/L	84
13) Acetone	2.665	43	58422	49.607	ug/L	95
14) Carbon disulfide	2.797	76	82410	4.467	ug/L	99
15) Methyl Acetate	2.961	43	13175	4.559	ug/L	95
16) Methylene chloride	3.051	84	31600	3.669	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	228236	15.028	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	44991	7.195	ug/L	96
19) 1,1-Dichloroethane	3.877	63	65865	5.622	ug/L	99
21) 2-Butanone	4.726	43	99913	50.422	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	44581	6.575	ug/L	98
23) Bromochloromethane	4.980	128	14867	5.031	ug/L	95
25) Chloroform	5.092	83	59641	4.693	ug/L	98

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27) 1,2-Dichloroethane	5.796	62	39375	4.855	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	49858	4.735	ug/L	99
30) Cyclohexane	5.395	56	44726	4.283	ug/L	99
31) Carbon tetrachloride	5.526	117	42400	4.788	ug/L	100
33) Benzene	5.777	78	133922	4.952	ug/L	100
34) Trichloroethene	6.542	95	32726	4.695	ug/L	97
35) Methylcyclohexane	6.767	83	48382	4.520	ug/L	98
37) 1,2-Dichloropropane	6.793	63	33703	4.735	ug/L	100
38) Bromodichloromethane	7.108	83	42203	4.806	ug/L	95
39) cis-1,3-Dichloropropene	7.610	75	46949	4.642	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	232091	49.717	ug/L	99
42) Toluene	7.973	91	137898	4.940	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	42336	4.812	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	25918	4.905	ug/L	97
47) Tetrachloroethene	8.555	164	23596	4.836	ug/L	95
48) 2-Hexanone	8.687	43	175052	51.907	ug/L	99
49) Dibromochloromethane	8.812	129	29347	4.877	ug/L	95
50) 1,2-Dibromoethane	8.928	107	24571	4.936	ug/L #	96
51) Chlorobenzene	9.449	112	85803	4.900	ug/L	98
52) Ethylbenzene	9.571	91	140799	4.818	ug/L	98
53) m,p-Xylene	9.697	106	55848	4.990	ug/L	98
54) o-Xylene	10.102	106	53387	4.943	ug/L	95
55) Styrene	10.118	104	94534	5.199	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	33968	5.019	ug/L	94
59) Bromoform	10.291	173	15867	4.596	ug/L	99
60) Isopropylbenzene	10.488	105	143412	4.686	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	24740	4.572	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	116377	4.651	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	118736	4.736	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	68014	4.764	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	69259	4.775	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	65109	4.757	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	4902	4.354	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	49737	4.658	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	42740	4.730	ug/L	99
71) Naphthalene	14.089	128	87108	4.692	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	42754	4.755	ug/L	98

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

