

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055615.D
 Acq On : 02 Oct 2023 19:29
 Operator : MD/SY
 Sample : 04679-05MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-4(20230927)MS

Quant Time: Oct 03 04:59:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/03/2023
 Supervised By :Semsettin Yesilyurt 10/03/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	160929	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	167579	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	98141	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	65622	4.035	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.911	69	63657	4.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.563	65	25373	3.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	4.640	46	136156m	46.346	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.700%
24) Chloroform-d	5.062	84	134786	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.698	65	63048	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.727	84	246263	4.201	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.689	67	77854	4.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.894	98	219407	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.177	79	27624	4.495	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.634	63	99043	52.980	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.960%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	67789	5.165	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	80126	4.045	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	72752	4.644	ug/L	100
3) Chloromethane	1.515	50	80024	5.806	ug/L	98
5) Vinyl chloride	1.602	62	99135	6.667	ug/L	99
6) Bromomethane	1.856	94	47769	5.058	ug/L	95
8) Chloroethane	1.933	64	61614	6.350	ug/L	93
9) Trichlorofluoromethane	2.136	101	129386	6.275	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	64568	5.146	ug/L	97
12) 1,1-Dichloroethene	2.576	96	57960	5.151	ug/L	90
13) Acetone	2.653	43	64585m	38.566	ug/L	
14) Carbon disulfide	2.792	76	174718	5.166	ug/L	98
15) Methyl Acetate	2.959	43	14899	3.902	ug/L	93
16) Methylene chloride	3.042	84	64847	4.810	ug/L	100
17) Methyl tert-butyl Ether	3.364	73	121698	4.986	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	61777	5.447	ug/L	94
19) 1,1-Dichloroethane	3.866	63	116494	5.555	ug/L	99
21) 2-Butanone	4.718	43	108098m	44.011	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	108087	8.221	ug/L	98
23) Bromochloromethane	4.972	128	27747	4.993	ug/L	91
25) Chloroform	5.084	83	122613	5.521	ug/L	98

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27) 1,2-Dichloroethane	5.792	62	69883	5.131	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	103801	5.433	ug/L	97
30) Cyclohexane	5.383	56	88150	5.041	ug/L	99
31) Carbon tetrachloride	5.521	117	89467	5.464	ug/L	99
33) Benzene	5.772	78	260101	5.393	ug/L	100
34) Trichloroethene	6.541	95	79080	5.796	ug/L	99
35) Methylcyclohexane	6.759	83	99249	5.050	ug/L	98
37) 1,2-Dichloropropane	6.788	63	67418	5.345	ug/L	99
38) Bromodichloromethane	7.103	83	84529	5.718	ug/L	92
39) cis-1,3-Dichloropropene	7.605	75	90800	5.393	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	316513	55.315	ug/L #	93
42) Toluene	7.968	91	288317	5.604	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	73828	5.481	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	46851	5.297	ug/L	98
47) Tetrachloroethene	8.550	164	49187	5.026	ug/L	97
48) 2-Hexanone	8.685	43	239417	53.988	ug/L	94
49) Dibromochloromethane	8.807	129	52260	5.637	ug/L	93
50) 1,2-Dibromoethane	8.920	107	43231	5.267	ug/L	92
51) Chlorobenzene	9.444	112	320609	9.730	ug/L	98
52) Ethylbenzene	9.569	91	292114	5.296	ug/L	97
53) m,p-Xylene	9.692	106	111699	5.404	ug/L	97
54) o-Xylene	10.097	106	104559	5.203	ug/L	95
55) Styrene	10.113	104	172937	5.322	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	56336	5.642	ug/L	97
59) Bromoform	10.287	173	26366	5.012	ug/L	96
60) Isopropylbenzene	10.483	105	279817	4.947	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	38703	5.052	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	218415	4.829	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	214969	4.855	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	454519	16.784	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	457147	16.890	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	151727	6.111	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7362	5.544	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	98101	5.261	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	383383	26.965	ug/L	98
71) Naphthalene	14.087	128	106910	5.194	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	68210	5.513	ug/L	98

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

