

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100623\
 Data File : VV032313.D
 Acq On : 06 Oct 2023 19:58
 Operator : SY/MD
 Sample : 04774-09MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX869MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/09/2023
 Supervised By :Semsettin Yesilyurt 10/09/2023

Quant Time: Oct 07 05:10:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	75489	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	80309	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	41377	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23061	3.756	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.529	69	22776	4.570	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.060	65	9680	3.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.786	46	102304	65.872	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.740%#
24) Chloroform-d	4.252	84	51376	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	4.947	65	27798	5.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	4.963	84	95006	4.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	5.992	67	32975	4.212	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.246	98	88501	4.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.561	79	12264	4.420	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.027	63	83868	64.249	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.500%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33026	6.031	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.600%#
66) 1,2-Dichlorobenzene-d4	11.564	152	33368	4.346	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	42460	5.047	ug/L	99
3) Chloromethane	1.217	50	44542	5.252	ug/L	100
5) Vinyl chloride	1.282	62	41477	5.128	ug/L	99
6) Bromomethane	1.484	94	24204	4.954	ug/L	98
8) Chloroethane	1.548	64	25369	5.210	ug/L	97
9) Trichlorofluoromethane	1.712	101	50997	5.258	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	28523	4.853	ug/L	97
12) 1,1-Dichloroethene	2.069	96	27799	5.021	ug/L	87
13) Acetone	2.111	43	65568	54.776	ug/L	96
14) Carbon disulfide	2.240	76	89065	4.602	ug/L	99
15) Methyl Acetate	2.378	43	15565	5.776	ug/L	98
16) Methylene chloride	2.449	84	33161	4.594	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	77648m	5.152	ug/L	
18) trans-1,2-Dichloroethene	2.696	96	30096	4.746	ug/L	99
19) 1,1-Dichloroethane	3.114	63	57049	4.782	ug/L	98
21) 2-Butanone	3.870	43	100172	53.513	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	39784	5.827	ug/L	97
23) Bromochloromethane	4.150	128	15064	5.244	ug/L	95
25) Chloroform	4.278	83	61288	5.236	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	36391	5.263	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	46359	4.246	ug/L	98
30) Cyclohexane	4.584	56	48981	4.082	ug/L	99
31) Carbon tetrachloride	4.738	117	45032	4.874	ug/L	98
33) Benzene	5.014	78	128271	4.537	ug/L	100
34) Trichloroethene	5.834	95	924331	119.752	ug/L	98
35) Methylcyclohexane	6.053	83	45983	3.850	ug/L	94
37) 1,2-Dichloropropane	6.098	63	35816	4.737	ug/L	99
38) Bromodichloromethane	6.436	83	42514	4.732	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	47028	4.370	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	264673	55.310	ug/L	98
42) Toluene	7.320	91	155787	5.168	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	39417	4.457	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	27004	5.062	ug/L	99
47) Tetrachloroethene	7.908	164	24401	4.169	ug/L	94
48) 2-Hexanone	8.079	43	190121	56.312	ug/L	99
49) Dibromochloromethane	8.182	129	27400	4.934	ug/L	95
50) 1,2-Dibromoethane	8.288	107	26174	5.188	ug/L	97
51) Chlorobenzene	8.818	112	84216	4.340	ug/L	99
52) Ethylbenzene	8.950	91	145765	4.343	ug/L	100
53) m,p-Xylene	9.075	106	57498	4.619	ug/L	97
54) o-Xylene	9.484	106	52960	4.415	ug/L	100
55) Styrene	9.500	104	91349	4.510	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	32851	5.597	ug/L	96
59) Bromoform	9.670	173	14374	4.777	ug/L	99
60) Isopropylbenzene	9.870	105	137267	4.269	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	22953	5.212	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	109894	4.193	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	111620	4.278	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	64989	4.230	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	66978	4.346	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	62610	4.469	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	4835	5.373	ug/L	95
69) 1,3,5-Trichlorobenzene	12.586	180	45072	4.006	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	40523	4.061	ug/L	99
71) Naphthalene	13.442	128	82620	4.874	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	38008	4.420	ug/L	98

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

Manual Integrations

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