

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028973.D
 Acq On : 15 Nov 2022 05:50
 Operator : SY/MD
 Sample : N5604-08MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C8MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 07:29:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	252767	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	249291	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	133893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	53858	3.495	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.574	69	53946	3.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.114	63	106420	3.790	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.995	46	83181	32.246	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.500%
24) Chloroform-d	4.349	84	136221	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.037	65	60123	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.040	84	251493	3.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.600%#
36) 1,2-Dichloropropane-d6	6.066	67	69081	3.325	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	66.400%
41) Toluene-d8	7.307	98	280068	4.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.619	79	15477	2.284	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	45.600%#
46) 2-Hexanone-d5	8.111	63	120169	41.543	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.080%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	68945	4.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	108716	4.538	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	119068	5.651	ug/L	97
3) Chloromethane	1.233	50	81608	4.667	ug/L	100
5) Vinyl chloride	1.307	62	156061	7.824	ug/L	97
6) Bromomethane	1.529	94	58240	4.885	ug/L	99
8) Chloroethane	1.590	64	58333	4.977	ug/L	98
9) Trichlorofluoromethane	1.760	101	147220	5.474	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	72589	4.767	ug/L	94
12) 1,1-Dichloroethene	2.124	96	75976	4.965	ug/L	88
13) Acetone	2.288	43	57410m	34.598	ug/L	
14) Carbon disulfide	2.294	76	225051	4.142	ug/L	100
15) Methyl Acetate	2.474	43	34207	8.494	ug/L	94
16) Methylene chloride	2.510	84	74987	3.790	ug/L	89
17) Methyl tert-butyl Ether	2.786	73	499743	15.233	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	100739	5.676	ug/L	90
19) 1,1-Dichloroethane	3.185	63	141672	4.883	ug/L	97
21) 2-Butanone	4.072	43	82153	31.978	ug/L	80
22) cis-1,2-Dichloroethene	3.908	96	404235	22.405	ug/L	91
23) Bromochloromethane	4.246	128	37948	4.973	ug/L #	84
25) Chloroform	4.374	83	146194	4.807	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	74959	4.785	ug/L	97
29) 1,1,1-Trichloroethane	4.600	97	140190	4.792	ug/L	97
30) Cyclohexane	4.657	56	111954	3.766	ug/L	92
31) Carbon tetrachloride	4.815	117	117626	4.669	ug/L	100
33) Benzene	5.088	78	336878	4.422	ug/L	100
34) Trichloroethene	5.902	95	92883	4.763	ug/L	94
35) Methylcyclohexane	6.111	83	140809	4.108	ug/L #	87
37) 1,2-Dichloropropane	6.169	63	51088	2.908	ug/L #	90
38) Bromodichloromethane	6.500	83	77997	3.506	ug/L #	98
39) cis-1,3-Dichloropropene	7.021	75	66819	2.725	ug/L	95
40) 4-Methyl-2-pentanone	7.255	43	373316	49.393	ug/L	98
42) Toluene	7.378	91	434131	5.275	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	50030	2.628	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	62988	5.477	ug/L	97
47) Tetrachloroethene	7.963	164	83741	5.362	ug/L	98
48) 2-Hexanone	8.162	43	290019	54.779	ug/L	98
49) Dibromochloromethane	8.242	129	53825	3.871	ug/L	96
50) 1,2-Dibromoethane	8.352	107	57000	5.335	ug/L #	97
51) Chlorobenzene	8.876	112	276489	5.434	ug/L	99
52) Ethylbenzene	9.005	91	468294	5.466	ug/L	99
53) m,p-Xylene	9.130	106	184713	5.421	ug/L	100
54) o-Xylene	9.535	106	178808	5.520	ug/L	95
55) Styrene	9.554	104	299369	5.510	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	70699	5.275	ug/L	99
59) Bromoform	9.728	173	19304	2.645	ug/L	99
60) Isopropylbenzene	9.924	105	474771	5.463	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	47889	5.234	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	396598	5.387	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	405580	5.499	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	219571	5.377	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	219852	5.356	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	198501	5.410	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	6708	3.726	ug/L	87
69) 1,3,5-Trichlorobenzene	12.635	180	154370	4.900	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	125799	5.279	ug/L	97
71) Naphthalene	13.493	128	197268	6.416	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	112940	5.596	ug/L	100

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

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