

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010422\
 Data File : VW024268.D
 Acq On : 04 Jan 2022 13:46
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV276

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/07/2022
 Supervised By :Amit Patel 01/07/2022

Quant Time: Jan 05 00:39:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 04 18:34:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	128950	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	126004	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76829	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44668	4.265	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.568	69	34443	4.184	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.111	63	94475	4.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	3.902	46	62416m	45.847	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.700%
24) Chloroform-d	4.346	84	83175	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.027	65	39500	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.043	84	152406	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.066	67	38621	4.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.200%
41) Toluene-d8	7.310	98	150737	4.300	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.619	79	18314	4.358	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.088	63	60324	45.938	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.880%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	28982	4.341	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	60557	4.538	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	91056	5.622	ug/L	99
3) Chloromethane	1.240	50	57884	5.346	ug/L	97
5) Vinyl chloride	1.310	62	65440	5.483	ug/L	97
6) Bromomethane	1.523	94	42594	5.389	ug/L	99
8) Chloroethane	1.584	64	40834	5.440	ug/L	96
9) Trichlorofluoromethane	1.754	101	130177	5.507	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	66588	5.588	ug/L	96
12) 1,1-Dichloroethene	2.117	96	56615	5.558	ug/L	99
13) Acetone	2.201	43	77677m	59.335	ug/L	
14) Carbon disulfide	2.294	76	129369	5.403	ug/L	99
15) Methyl Acetate	2.439	43	16814	6.119	ug/L	92
16) Methylene chloride	2.507	84	62696	4.018	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	138269	5.653	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	59121	5.451	ug/L	100
19) 1,1-Dichloroethane	3.185	63	104289	5.419	ug/L	100
21) 2-Butanone	3.982	43	100701m	56.728	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	65031	5.463	ug/L	96
23) Bromochloromethane	4.243	128	29373	5.551	ug/L	# 86
25) Chloroform	4.368	83	123841	5.379	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70569	5.533	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	120430	5.585	ug/L	99
30) Cyclohexane	4.674	56	78460	5.771	ug/L	93
31) Carbon tetrachloride	4.822	117	112473	5.719	ug/L	100
33) Benzene	5.095	78	233113	5.613	ug/L	100
34) Trichloroethene	5.908	95	65202	5.610	ug/L	97
35) Methylcyclohexane	6.127	83	95046	5.862	ug/L	95
37) 1,2-Dichloropropane	6.169	63	52023	5.398	ug/L	99
38) Bromodichloromethane	6.503	83	83009	5.462	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	86907	5.917	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	288467	58.480	ug/L #	95
42) Toluene	7.384	91	274016	5.730	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	78191	5.915	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	44315	5.651	ug/L	96
47) Tetrachloroethene	7.973	164	59643	5.500	ug/L	96
48) 2-Hexanone	8.137	43	211864	58.216	ug/L #	96
49) Dibromochloromethane	8.243	129	61891	5.737	ug/L	98
50) 1,2-Dibromoethane	8.349	107	39695	5.583	ug/L	88
51) Chlorobenzene	8.879	112	186886	5.660	ug/L	99
52) Ethylbenzene	9.008	91	306648	5.842	ug/L	99
53) m,p-xylene	9.133	106	122601	5.833	ug/L	99
54) o-xylene	9.538	106	120723	5.875	ug/L	98
55) Styrene	9.558	104	206139	5.936	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	45182	5.673	ug/L #	98
59) Bromoform	9.728	173	35126	5.481	ug/L	99
60) Isopropylbenzene	9.927	105	334598	5.905	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	34800	5.599	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	286629	5.898	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	297959	6.019	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	174368	5.797	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	169603	5.648	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	154881	5.690	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7912	5.810	ug/L	93
69) 1,3,5-Trichlorobenzene	12.641	180	144219	5.791	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	115423	5.900	ug/L	98
71) Naphthalene	13.500	128	167130	6.118	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	101889	6.042	ug/L	98

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

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