

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060822\
 Data File : VW026017.D
 Acq On : 08 Jun 2022 13:21
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV260

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

Quant Time: Jun 09 05:03:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 04:54:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	270941	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	250280	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	131378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	71774	4.513	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.577	69	75729	4.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.118	63	169521	4.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.905	46	109787	46.671	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.340%
24) Chloroform-d	4.355	84	160202	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.037	65	64815	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.053	84	299178	4.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.072	67	90907	4.859	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.313	98	270716	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	7.622	79	28505	5.175	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.400%
46) 2-Hexanone-d5	8.088	63	128835	53.147	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	62213	4.931	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	97623	4.857	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.140	85	126593	4.747	ug/L	98
3) Chloromethane	1.253	50	139804	4.682	ug/L	98
5) Vinyl chloride	1.320	62	145770	4.675	ug/L	99
6) Bromomethane	1.532	94	83237	4.605	ug/L	99
8) Chloroethane	1.593	64	91283	4.760	ug/L	98
9) Trichlorofluoromethane	1.764	101	186156	4.684	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	107265	4.737	ug/L	99
12) 1,1-Dichloroethene	2.127	96	102820	4.717	ug/L	99
13) Acetone	2.195	43	90185m	48.072	ug/L	
14) Carbon disulfide	2.304	76	292052	4.697	ug/L	99
15) Methyl Acetate	2.449	43	34498m	5.626	ug/L	
16) Methylene chloride	2.516	84	100383	4.623	ug/L	99
17) Methyl tert-butyl Ether	2.777	73	167837	4.744	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	97691	4.753	ug/L	99
19) 1,1-Dichloroethane	3.198	63	175686	4.700	ug/L	97
21) 2-Butanone	3.989	43	108753	44.502	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	96927	4.785	ug/L	98
23) Bromochloromethane	4.252	128	40462	4.751	ug/L	96
25) Chloroform	4.381	83	179417	4.675	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	85504	4.506	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	158439	4.824	ug/L	99
30) Cyclohexane	4.683	56	145758	5.103	ug/L	98
31) Carbon tetrachloride	4.831	117	132134	4.899	ug/L	98
33) Benzene	5.101	78	396088	5.036	ug/L	100
34) Trichloroethene	5.915	95	101701	4.949	ug/L	99
35) Methylcyclohexane	6.133	83	161300	5.092	ug/L	99
37) 1,2-Dichloropropane	6.175	63	94242	4.944	ug/L	99
38) Bromodichloromethane	6.510	83	114037	4.952	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	120114	5.114	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	404869	51.994	ug/L	100
42) Toluene	7.387	91	426699	5.192	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	96487	5.243	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	60789	4.911	ug/L	99
47) Tetrachloroethene	7.976	164	78366	4.927	ug/L	97
48) 2-Hexanone	8.140	43	289528	52.382	ug/L	99
49) Dibromochloromethane	8.246	129	67815	5.019	ug/L	98
50) 1,2-Dibromoethane	8.352	107	54690	4.965	ug/L	97
51) Chlorobenzene	8.879	112	264956	4.954	ug/L	99
52) Ethylbenzene	9.011	91	444809	5.164	ug/L	98
53) m,p-Xylene	9.136	106	174257	5.234	ug/L	99
54) o-Xylene	9.542	106	164986	5.213	ug/L	99
55) Styrene	9.558	104	284372	5.364	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	62399	4.709	ug/L	97
59) Bromoform	9.731	173	31366	5.089	ug/L	97
60) Isopropylbenzene	9.931	105	438510	5.023	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	47219	4.605	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	348822	5.045	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	353772	5.138	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	201698	4.863	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	200534	4.748	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	174171	4.748	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	8645	4.744	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	143414	4.775	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	107060	4.781	ug/L	98
71) Naphthalene	13.500	128	147829	4.647	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	89811	4.739	ug/L	97

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

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