

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026272.D
 Acq On : 15 Jun 2022 12:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005316

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/17/2022
 Supervised By :Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 01:32:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:22:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	221417	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	207813	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	105394	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	88322	4.593	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.800%	
7) Chloroethane-d5	1.574	69	68304	4.517	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.114	63	154997	4.693	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.800%	
20) 2-Butanone-d5	3.912	46	100659	53.640	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.280%	
24) Chloroform-d	4.355	84	138369	4.909	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
26) 1,2-Dichloroethane-d4	5.037	65	58324	4.891	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.053	84	279861	5.037	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
36) 1,2-Dichloropropane-d6	6.072	67	79669	4.913	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.317	98	266164	5.254	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
43) trans-1,3-Dichloroprop...	7.625	79	26291	5.000	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.000%	
46) 2-Hexanone-d5	8.092	63	85001	53.516	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.040%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49562	4.962	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	81943	5.048	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.137	85	79903	4.826	ug/L	98
3) Chloromethane	1.246	50	83097	4.520	ug/L	98
5) Vinyl chloride	1.317	62	90542	4.737	ug/L	99
6) Bromomethane	1.529	94	51248	4.798	ug/L	97
8) Chloroethane	1.590	64	55093	4.643	ug/L	97
9) Trichlorofluoromethane	1.757	101	125683	4.764	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	73824	4.825	ug/L	99
12) 1,1-Dichloroethene	2.124	96	68399	4.890	ug/L	100
13) Acetone	2.198	43	70259m	48.312	ug/L	
14) Carbon disulfide	2.298	76	169291	4.908	ug/L	99
15) Methyl Acetate	2.452	43	18943	5.429	ug/L	92
16) Methylene chloride	2.513	84	70305	3.939	ug/L	96
17) Methyl tert-butyl Ether	2.777	73	126125	5.244	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	67750	4.994	ug/L	99
19) 1,1-Dichloroethane	3.195	63	126717	4.898	ug/L	99
21) 2-Butanone	3.995	43	96214	51.130	ug/L	95
22) cis-1,2-Dichloroethene	3.918	96	70525	5.138	ug/L	98
23) Bromochloromethane	4.256	128	29716	5.102	ug/L	96
25) Chloroform	4.384	83	135686	4.834	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	63940	5.005	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	114453	4.985	ug/L	99
30) Cyclohexane	4.680	56	90608	5.276	ug/L	99
31) Carbon tetrachloride	4.831	117	95619	4.917	ug/L	99
33) Benzene	5.105	78	278814	5.233	ug/L	100
34) Trichloroethene	5.918	95	71212	4.896	ug/L	97
35) Methylcyclohexane	6.133	83	104895	5.213	ug/L	97
37) 1,2-Dichloropropane	6.175	63	65691	4.714	ug/L #	97
38) Bromodichloromethane	6.513	83	83289	4.928	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	83617	5.257	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	288119	56.231	ug/L	98
42) Toluene	7.387	91	301235	5.376	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	69512	5.473	ug/L	94
45) 1,1,2-Trichloroethane	7.841	97	45971	5.026	ug/L	95
47) Tetrachloroethene	7.976	164	54535	5.062	ug/L	99
48) 2-Hexanone	8.140	43	200482	54.612	ug/L	99
49) Dibromochloromethane	8.246	129	51580	5.092	ug/L	97
50) 1,2-Dibromoethane	8.355	107	40154	5.152	ug/L	100
51) Chlorobenzene	8.883	112	187843	5.134	ug/L	99
52) Ethylbenzene	9.011	91	299656	5.334	ug/L	99
53) m,p-Xylene	9.137	106	117257	5.355	ug/L	98
54) o-Xylene	9.545	106	113002	5.327	ug/L	100
55) Styrene	9.561	104	196791	5.524	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	46958	5.061	ug/L	97
59) Bromoform	9.731	173	22640	4.892	ug/L	100
60) Isopropylbenzene	9.931	105	304118	5.413	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	35314	5.164	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	231497	5.192	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	237688	5.386	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	146911	5.321	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	145426	5.183	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	128601	5.259	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	6038	4.984	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	104342	5.227	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	78387	5.324	ug/L	98
71) Naphthalene	13.500	128	111703	5.464	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	67319	5.461	ug/L	98

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

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