

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026540.D
 Acq On : 24 Jun 2022 08:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005335

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

06/28/2022

Supervised By :Mahesh

Dadoda

06/28/2022

Quant Time: Jun 25 02:17:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 24 00:51:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	249935	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	227810	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	114809	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	89988	4.477	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.581	69	74134	4.591	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.121	63	164863	4.616	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.915	46	93685	46.881	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.760%
24) Chloroform-d	4.355	84	157956	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.037	65	58557	4.627	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.053	84	314304	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.069	67	88409	4.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.314	98	293791	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	7.622	79	25980	5.586	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.800%
46) 2-Hexanone-d5	8.088	63	72099	40.698	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54314	4.614	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	87788	4.621	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	89559	4.706	ug/L	99
3) Chloromethane	1.253	50	93693	4.501	ug/L	98
5) Vinyl chloride	1.323	62	104476	4.714	ug/L	91
6) Bromomethane	1.536	94	54201	4.518	ug/L	96
8) Chloroethane	1.597	64	66922m	4.440	ug/L	
9) Trichlorofluoromethane	1.764	101	147777	4.781	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	85814	4.686	ug/L	99
12) 1,1-Dichloroethene	2.127	96	81589	4.833	ug/L	90
13) Acetone	2.204	43	60237m	47.515	ug/L	
14) Carbon disulfide	2.304	76	228230	5.125	ug/L	99
15) Methyl Acetate	2.458	43	17108	4.680	ug/L	99
16) Methylene chloride	2.516	84	82307	4.593	ug/L	99
17) Methyl tert-butyl Ether	2.780	73	124337	4.519	ug/L	98
18) trans-1,2-Dichloroethene	2.770	96	81550	4.735	ug/L	97
19) 1,1-Dichloroethane	3.198	63	149494	4.834	ug/L	99
21) 2-Butanone	3.999	43	89493m	46.925	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	83642	4.891	ug/L	97
23) Bromochloromethane	4.253	128	34032	4.832	ug/L	93
25) Chloroform	4.381	83	153256	4.632	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	69336	4.709	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	137585	4.908	ug/L	99
30) Cyclohexane	4.680	56	109559	4.936	ug/L	98
31) Carbon tetrachloride	4.831	117	119207	5.070	ug/L	99
33) Benzene	5.101	78	328374	4.937	ug/L	100
34) Trichloroethene	5.915	95	85153	4.870	ug/L	97
35) Methylcyclohexane	6.130	83	122921	4.752	ug/L	100
37) 1,2-Dichloropropane	6.172	63	76990	4.802	ug/L	99
38) Bromodichloromethane	6.510	83	97254	5.139	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	86489	5.367	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	254800	47.053	ug/L	99
42) Toluene	7.384	91	356994	5.199	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	66467	5.546	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	48320	4.780	ug/L	96
47) Tetrachloroethene	7.973	164	67626	4.857	ug/L	97
48) 2-Hexanone	8.140	43	178045	47.232	ug/L	98
49) Dibromochloromethane	8.243	129	58566	5.721	ug/L	99
50) 1,2-Dibromoethane	8.349	107	42616	4.741	ug/L #	96
51) Chlorobenzene	8.879	112	219087	4.871	ug/L	99
52) Ethylbenzene	9.008	91	352735	4.967	ug/L	100
53) m,p-Xylene	9.137	106	141521	5.108	ug/L	97
54) o-Xylene	9.542	106	131398	5.053	ug/L	99
55) Styrene	9.558	104	213093	4.947	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	52261	4.629	ug/L	96
59) Bromoform	9.728	173	26463	6.255	ug/L	95
60) Isopropylbenzene	9.928	105	352558	4.979	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	33858	4.555	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	273008	4.878	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	272925	4.945	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	165759	4.813	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	161250	4.715	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	139340	4.755	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	5700	4.275	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	111721	4.511	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	79284	4.534	ug/L	100
71) Naphthalene	13.500	128	92701	4.063	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	61951	4.329	ug/L	99

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

Manual Integrations

Dadoda

06/28/2022

TIC: VV026540.D\data.ms

06/28/2022

Abundance

Time-->

Chloromethane, T
Dichloromethane, T
Vinyl chloride, S
Bromochloromethane, S
Trichlorofluoromethane, T
Acetone, T
Methyl acetate, T
Carbon disulfide, T
Methylene chloride, T
trans-1,2-Dichloroethene, T
1,1-Dichloroethane, T
2-Butanone, T
2-Pentanone, T
Bromoacetaldehyde, T
Cyclohexanone, T
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
1,2-Dichloroethane, T
Benzene, S
1,4-Difluorobenzene, I
Trichloroethene, T
1,2-Dichlorocyclohexane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
4-Methyl-2-pentanol, T
trans-1,3-Dibromopropane, T
trans-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
Tetrachloroethene, T
Hexanone, T
1,2-Dibromopropane, T
Chlorobenzene-d5, I
Ethylbenzene, T
m,p-Xylene, I
Styrene, T o-Xylene, T
Isopropylbenzene, T
Bromoform, T
1,2,3,4-Tetrahydrophthalic anhydride, S
1,2,3,4-Tetrahydrophthalic anhydride, T
1,3,5-Trimethylbenzene, T
1,2,4-Trimethylbenzene, T
1,3-Dichlorobenzene-d4, I
1,2-Dibromobenzene, T
1,2-Dichlorobenzene-d4, S
1,2-Dibromo-3-chloropropane, T
1,3,5-Trichlorobenzene
Naphthalene
1,2,4-trichlorobenzene, T
1,2,3-Trichlorobenzene, T