

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010422\
 Data File : VW024272.D
 Acq On : 04 Jan 2022 17:47
 Operator : SY/MD
 Sample : MDL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 01:14:03 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	5.619	114	97579	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	95123	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52934	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35818	4.519	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.568	69	29364	4.714	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.111	63	55348	3.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.918	46	48509m	47.087	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.180%
24) Chloroform-d	4.349	84	68415	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.034	65	33789	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.050	84	127312	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.069	67	33595	4.851	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.317	98	123717	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.625	79	14671	4.625	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.095	63	44532	44.921	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	22843	4.532	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	48456	5.270	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	2433	0.199	ug/L	91
3) Chloromethane	1.243	50	1929	0.235	ug/L	96
5) Vinyl chloride	1.310	62	2115	0.234	ug/L #	70
6) Bromomethane	1.526	94	1292	0.216	ug/L	95
8) Chloroethane	1.587	64	1694	0.298	ug/L	100
9) Trichlorofluoromethane	1.754	101	4103	0.229	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2379	0.264	ug/L #	85
12) 1,1-Dichloroethene	2.121	96	2328	0.302	ug/L #	1
13) Acetone	2.207	43	2364m	2.386	ug/L	
14) Carbon disulfide	2.297	76	3803	0.210	ug/L	97
15) Methyl Acetate	2.449	43	629m	0.302	ug/L	
16) Methylene chloride	2.510	84	4675	0.396	ug/L	94
17) Methyl tert-butyl Ether	2.777	73	4151	0.224	ug/L #	85
18) trans-1,2-Dichloroethene	2.764	96	1831	0.223	ug/L	94
19) 1,1-Dichloroethane	3.195	63	3118	0.214	ug/L	87
21) 2-Butanone	4.018	43	2969m	2.210	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	1869	0.208	ug/L	89
23) Bromochloromethane	4.259	128	779	0.195	ug/L #	83
25) Chloroform	4.371	83	4840m	0.278	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	2417m	0.250	ug/L	
29) 1,1,1-Trichloroethane	4.616	97	3754	0.231	ug/L	96
30) Cyclohexane	4.683	56	1950	0.190	ug/L	88
31) Carbon tetrachloride	4.831	117	3189	0.215	ug/L	98
33) Benzene	5.108	78	7156	0.228	ug/L	100
34) Trichloroethene	5.924	95	1972	0.225	ug/L	95
35) Methylcyclohexane	6.133	83	2883	0.236	ug/L #	84
37) 1,2-Dichloropropane	6.182	63	1611	0.221	ug/L #	84
38) Bromodichloromethane	6.519	83	2469	0.215	ug/L	99
39) cis-1,3-Dichloropropene	7.037	75	2290	0.207	ug/L	100
40) 4-Methyl-2-pentanone	7.236	43	6486	1.742	ug/L #	83
42) Toluene	7.394	91	9687	0.268	ug/L	92
44) trans-1,3-Dichloropropene	7.661	75	2332	0.234	ug/L	88
45) 1,1,2-Trichloroethane	7.847	97	1429	0.241	ug/L	89
47) Tetrachloroethene	7.972	164	1852	0.226	ug/L	73
48) 2-Hexanone	8.146	43	11255	4.097	ug/L	95
49) Dibromochloromethane	8.249	129	1876	0.230	ug/L	89
50) 1,2-Dibromoethane	8.358	107	1097	0.204	ug/L #	88
51) Chlorobenzene	8.886	112	5495	0.220	ug/L	92
52) Ethylbenzene	9.017	91	8057	0.203	ug/L	99
53) m,p-xylene	9.140	106	3180	0.200	ug/L	91
54) o-xylene	9.551	106	3167	0.204	ug/L	91
55) Styrene	9.567	104	4675	0.178	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.242	83	1357	0.226	ug/L #	84
59) Bromoform	9.734	173	1002	0.227	ug/L #	77
60) Isopropylbenzene	9.934	105	8401	0.215	ug/L	97
61) 1,2,3-Trichloropropane	10.281	75	1036	0.242	ug/L #	84
62) 1,3,5-Trimethylbenzene	10.541	105	6689	0.200	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	7008	0.205	ug/L	97
64) 1,3-Dichlorobenzene	11.185	146	4338	0.209	ug/L	84
65) 1,4-Dichlorobenzene	11.275	146	4486	0.217	ug/L	85
67) 1,2-Dichlorobenzene	11.644	146	4355	0.232	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.426	75	148	0.158	ug/L #	58
69) 1,3,5-Trichlorobenzene	12.644	180	3699	0.216	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	2638	0.196	ug/L	90
71) Naphthalene	13.506	128	3823	0.203	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.744	180	2352	0.202	ug/L	95

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

Manual Integrations

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

Abundance

TIC: VV024272.D\data.ms

Time-->

Chloromethane, T
1,1-Dichloroethane, T
Vinyl chloride-d3, S
Chloroethane-d5, S
Bromomethane, T
Trichlorofluoromethane, T
Acetone disulfide, T
Methyl acetate chloride, T
Methyl tert-butyl ether, T
1,1-Dichloroethane, T
2-Butanone, T
2,2,4,4-Tetrafluorobutane, T
Bromochloromethane, T
Chloroform, T
Carbon tetrachloride, T
1,2-Dichloroethane, T
Benzene-d6, S
1,2-Dichloroethane-d4, S
1,4-Difluorobenzene, I
1,2-Dichloropropane-d6, S
Trichloroethane, T
1,1,1-Trichloroethane, T
Bromodichloromethane, T
dis-1,3-Dichloropropene, T
4-Methyl-2-pentanone, T
Toluene, I
trans-1,3-Dichloropropene-d4, S
1,1,1-Trichloroethane, I
1,1-Dichloroethane, I
2-Hexanone, T
1,2-Dichloropropane, T
Chlorobenzene, T
Ethylbenzene, I
m,p-Xylene, I
Styrene, T
Bromobenzene, T
Isopropylbenzene, T
1,2,3-Trichloropropane, T
1,1,2,2-Tetrachloroethane-d2, S
1,3,5-Trimethylbenzene, T
1,2,4-Trimethylbenzene, T
1,3-Dichlorobenzene, T
1,2-Dichlorobenzene, T
1,2-Dichlorobenzene-d4, I
1,2-Dichlorobenzene-d4, S
1,2-Dibromo-3-chloropropane, T
1,3,5-Trichlorobenzene
1,2,4-trichlorobenzene, T
Naphthalene
1,2,3-Trichlorobenzene, T