

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010722\
 Data File : VW024305.D
 Acq On : 07 Jan 2022 15:36
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2022
 Supervised By : Mahesh Dadoda 01/10/2022

Quant Time: Jan 08 00:12:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 08 00:06:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	103600	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	106185	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	32942	3.915	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.568	69	29081	4.397	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.108	63	51865	3.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.915	46	47158m	43.115	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.220%
24) Chloroform-d	4.346	84	69135	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.031	65	34464	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.047	84	130209	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.066	67	35580	4.602	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.314	98	118910	4.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.622	79	13727	3.876	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.092	63	47081	42.545	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23872	4.243	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	48230	4.978	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	2875	0.221	ug/L	100
3) Chloromethane	1.240	50	2028	0.233	ug/L	93
5) Vinyl chloride	1.311	62	2277	0.237	ug/L #	75
6) Bromomethane	1.523	94	1556	0.245	ug/L	96
8) Chloroethane	1.584	64	1423	0.236	ug/L	96
9) Trichlorofluoromethane	1.754	101	4012	0.211	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	2534	0.265	ug/L	90
12) 1,1-Dichloroethene	2.118	96	2268	0.277	ug/L #	1
13) Acetone	2.201	43	2584m	2.457	ug/L	
14) Carbon disulfide	2.298	76	4332	0.225	ug/L	99
15) Methyl Acetate	2.442	43	539	0.244	ug/L #	50
16) Methylene chloride	2.507	84	4217	0.336	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	4586	0.233	ug/L #	92
18) trans-1,2-Dichloroethene	2.764	96	1783	0.205	ug/L	95
19) 1,1-Dichloroethane	3.195	63	3568	0.231	ug/L	92
21) 2-Butanone	4.015	43	3272m	2.294	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	2027	0.212	ug/L	92
23) Bromochloromethane	4.249	128	826	0.194	ug/L #	74
25) Chloroform	4.378	83	5213	0.282	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	2428	0.237	ug/L #	73
29) 1,1,1-Trichloroethane	4.606	97	3848	0.212	ug/L #	88
30) Cyclohexane	4.677	56	2426	0.212	ug/L #	95
31) Carbon tetrachloride	4.825	117	3568	0.215	ug/L	94
33) Benzene	5.105	78	7598	0.217	ug/L	100
34) Trichloroethene	5.921	95	2348	0.240	ug/L	93
35) Methylcyclohexane	6.127	83	2817	0.206	ug/L	97
37) 1,2-Dichloropropane	6.178	63	1764	0.217	ug/L #	84
38) Bromodichloromethane	6.516	83	2750	0.215	ug/L	91
39) cis-1,3-Dichloropropene	7.037	75	2760	0.223	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	7115	1.712	ug/L #	88
42) Toluene	7.391	91	9960	0.247	ug/L	97
44) trans-1,3-Dichloropropene	7.658	75	2509	0.225	ug/L	93
45) 1,1,2-Trichloroethane	7.841	97	1307	0.198	ug/L	86
47) Tetrachloroethene	7.976	164	1815	0.199	ug/L	94
48) 2-Hexanone	8.146	43	12739m	4.154	ug/L	
49) Dibromochloromethane	8.246	129	1930	0.212	ug/L	95
50) 1,2-Dibromoethane	8.355	107	1295	0.216	ug/L #	97
51) Chlorobenzene	8.883	112	6026	0.217	ug/L	97
52) Ethylbenzene	9.014	91	8660	0.196	ug/L	96
53) m,p-xylene	9.143	106	3458	0.195	ug/L	80
54) o-xylene	9.545	106	3192	0.184	ug/L	91
55) Styrene	9.571	104	4933	0.169	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	1411	0.210	ug/L #	89
59) Bromoform	9.735	173	1017	0.219	ug/L #	90
60) Isopropylbenzene	9.931	105	8553	0.208	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	1214	0.269	ug/L	94
62) 1,3,5-Trimethylbenzene	10.542	105	7142	0.202	ug/L	92
63) 1,2,4-Trimethylbenzene	10.915	105	7337	0.204	ug/L	97
64) 1,3-Dichlorobenzene	11.182	146	4835	0.221	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	4959	0.227	ug/L	89
67) 1,2-Dichlorobenzene	11.641	146	4464	0.226	ug/L #	80
68) 1,2-Dibromo-3-chloropr...	12.426	75	77	0.078	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.648	180	3923	0.217	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	2925	0.206	ug/L	98
71) Naphthalene	13.506	128	3753	0.189	ug/L	96
72) 1,2,3-Trichlorobenzene	13.744	180	2451	0.200	ug/L	91

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

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