

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023708.D
 Acq On : 24 Nov 2021 18:15
 Operator : SY/MD
 Sample : M4821-10MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4657MSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/26/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 26 01:55:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134699	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133671	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39545	3.576	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.600%	
7) Chloroethane-d5	1.568	69	34304	3.947	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.000%	
11) 1,1-Dichloroethene-d2	2.111	63	78044	4.005	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.000%	
20) 2-Butanone-d5	3.908	46	59879	45.045	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.100%	
24) Chloroform-d	4.349	84	83193	4.321	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
26) 1,2-Dichloroethane-d4	5.034	65	40651	4.519	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
32) Benzene-d6	5.053	84	154865	4.253	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6	6.069	67	45360	4.443	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.800%	
41) Toluene-d8	7.317	98	146227	4.298	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	7.622	79	18281	4.443	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.800%	
46) 2-Hexanone-d5	8.092	63	76847	56.210	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.420%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35431	4.823	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	57877	4.457	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	64130	5.018	ug/L	98
3) Chloromethane	1.240	50	52698	4.743	ug/L	96
5) Vinyl chloride	1.311	62	57770	4.951	ug/L	98
6) Bromomethane	1.523	94	25124	3.797	ug/L	95
8) Chloroethane	1.584	64	36520	4.939	ug/L	97
9) Trichlorofluoromethane	1.754	101	95473	5.022	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	47512	4.987	ug/L	98
12) 1,1-Dichloroethene	2.121	96	44564	4.938	ug/L	95
13) Acetone	2.208	43	49594m	41.461	ug/L	
14) Carbon disulfide	2.294	76	150565	4.963	ug/L	99
15) Methyl Acetate	2.449	43	13930	5.131	ug/L	95
16) Methylene chloride	2.510	84	50314	3.907	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	6410485	346.612	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	52438	5.101	ug/L	94
19) 1,1-Dichloroethane	3.188	63	87902	5.086	ug/L	99
21) 2-Butanone	3.998	43	57010	37.656	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	65433	6.638	ug/L	99
23) Bromochloromethane	4.253	128	23456	5.070	ug/L	90
25) Chloroform	4.375	83	93284	4.844	ug/L	97

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27) 1,2-Dichloroethane	5.133	62	53280	5.205	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	89746	5.138	ug/L	98
30) Cyclohexane	4.677	56	75233	5.161	ug/L	99
31) Carbon tetrachloride	4.828	117	81858	5.116	ug/L	100
33) Benzene	5.101	78	196904	5.167	ug/L	100
34) Trichloroethene	5.915	95	55557	5.442	ug/L	97
35) Methylcyclohexane	6.130	83	82974	5.214	ug/L	97
37) 1,2-Dichloropropane	6.175	63	45604	5.034	ug/L	99
38) Bromodichloromethane	6.510	83	63091	5.132	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	65544	5.084	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	233085	53.902	ug/L	98
42) Toluene	7.387	91	225918	5.467	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	58152	5.367	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	34038	5.427	ug/L	99
47) Tetrachloroethene	7.976	164	47667	5.130	ug/L	98
48) 2-Hexanone	8.143	43	170023	53.198	ug/L	99
49) Dibromochloromethane	8.246	129	45169	5.255	ug/L	98
50) 1,2-Dibromoethane	8.352	107	32279	5.278	ug/L	94
51) Chlorobenzene	8.883	112	142022	5.183	ug/L	98
52) Ethylbenzene	9.011	91	233011	5.394	ug/L	99
53) m,p-xylene	9.137	106	92530	5.382	ug/L	98
54) o-xylene	9.545	106	88486	5.412	ug/L	97
55) Styrene	9.561	104	154608	5.612	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	37163	5.325	ug/L	98
59) Bromoform	9.731	173	24286	5.006	ug/L	99
60) Isopropylbenzene	9.931	105	242595	5.531	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	26235	5.036	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	200465	5.493	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	201581	5.585	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	121706	5.427	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	118957	5.278	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	109226	5.322	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5482	5.299	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	93177	5.322	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	71083	5.233	ug/L	98
71) Naphthalene	13.503	128	98304	5.377	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	62909	5.344	ug/L	99

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

Manual Integrations

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