

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VV033275.D
 Acq On : 13 Dec 2023 14:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

Quant Time: Dec 13 23:25:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:17:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	144228	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	140080	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	77838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	44839	4.849	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.000%	
7) Chloroethane-d5	1.532	69	33861	4.924	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.400%	
11) 1,1-Dichloroethene-d2	2.056	65	18262	4.963	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.200%	
20) 2-Butanone-d5	3.828	46	57302m	52.371	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.740%	
24) Chloroform-d	4.249	84	98506	5.108	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
26) 1,2-Dichloroethane-d4	4.944	65	43996	5.250	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	4.960	84	188826	5.211	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
36) 1,2-Dichloropropane-d6	5.989	67	43844	5.316	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.400%	
41) Toluene-d8	7.243	98	186459	5.281	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
43) trans-1,3-Dichloroprop...	7.554	79	19840	5.273	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	105.400%	
46) 2-Hexanone-d5	8.027	63	55512	52.846	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.700%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	28559	5.120	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	70010	5.107	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	86102	4.786	ug/L	99
3) Chloromethane	1.214	50	47979	4.664	ug/L	97
5) Vinyl chloride	1.281	62	49434	4.748	ug/L	99
6) Bromomethane	1.487	94	33030	4.840	ug/L	96
8) Chloroethane	1.548	64	27805	4.629	ug/L	96
9) Trichlorofluoromethane	1.712	101	91698	4.800	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	43555	4.931	ug/L	99
12) 1,1-Dichloroethene	2.069	96	40752	4.935	ug/L	93
13) Acetone	2.166	43	38548m	49.777	ug/L	
14) Carbon disulfide	2.240	76	132204	4.917	ug/L	98
15) Methyl Acetate	2.387	43	10652m	5.190	ug/L	
16) Methylene chloride	2.445	84	48324	5.081	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	86569	5.091	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	50257	5.027	ug/L	96
19) 1,1-Dichloroethane	3.111	63	78352	4.994	ug/L	98
21) 2-Butanone	3.905	43	58752m	52.077	ug/L	
22) cis-1,2-Dichloroethene	3.812	96	52457	5.079	ug/L	97
23) Bromochloromethane	4.153	128	22667	5.082	ug/L	95
25) Chloroform	4.275	83	93488	5.054	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	51136	5.036	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	94982	4.890	ug/L	99
30) Cyclohexane	4.580	56	60807	4.906	ug/L	97
31) Carbon tetrachloride	4.731	117	90951	5.012	ug/L	97
33) Benzene	5.008	78	187632	4.999	ug/L	100
34) Trichloroethene	5.831	95	54573	4.987	ug/L	98
35) Methylcyclohexane	6.046	83	83563	5.155	ug/L	98
37) 1,2-Dichloropropane	6.091	63	37846	5.013	ug/L	100
38) Bromodichloromethane	6.432	83	61140	5.046	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	63304	5.163	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	145791	54.574	ug/L	99
42) Toluene	7.313	91	220451	5.128	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	51084	4.998	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	29788	5.123	ug/L	98
47) Tetrachloroethene	7.905	164	52603	5.077	ug/L	94
48) 2-Hexanone	8.079	43	106890	55.515	ug/L	98
49) Dibromochloromethane	8.175	129	41831	5.129	ug/L	99
50) 1,2-Dibromoethane	8.284	107	28320	5.245	ug/L	94
51) Chlorobenzene	8.815	112	144449	4.906	ug/L	98
52) Ethylbenzene	8.947	91	242800	5.041	ug/L	100
53) m,p-Xylene	9.072	106	100404	5.065	ug/L	94
54) o-Xylene	9.477	106	94439	5.030	ug/L	99
55) Styrene	9.497	104	161805	5.253	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	26573	4.690	ug/L	93
59) Bromoform	9.667	173	23953	5.009	ug/L	94
60) Isopropylbenzene	9.866	105	263434	5.109	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	21215	5.142	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	214199	5.079	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	220608	5.288	ug/L	98
64) 1,3-Dichlorobenzene	11.117	146	129833	4.947	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	129578	4.963	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	111563	4.945	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	4522	4.687	ug/L	92
69) 1,3,5-Trichlorobenzene	12.583	180	104137	4.971	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	80954	5.016	ug/L	99
71) Naphthalene	13.442	128	94493	5.054	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	67953	5.246	ug/L	96

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

