

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034304.D
 Acq On : 21 Feb 2024 05:32
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005362

Quant Time: Feb 21 05:50:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 21 04:37:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2024
 Supervised By :Mahesh Dadoda 02/22/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	78847	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	74557	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	25060	4.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.536	69	21295	3.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.060	65	11764	3.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	3.825	46	40342	39.336	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.680%
24) Chloroform-d	4.252	84	49458	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	4.947	65	23365	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	4.960	84	90988	4.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	5.989	67	24003	3.839	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.243	98	82466	4.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.558	79	7862	3.330	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.600%
46) 2-Hexanone-d5	8.030	63	31393	37.246	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.500%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15540	4.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	27547	4.290	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	27148	3.757	ug/L	99
3) Chloromethane	1.217	50	32575	4.133	ug/L	97
5) Vinyl chloride	1.285	62	32125	4.266	ug/L	91
6) Bromomethane	1.490	94	15532	3.916	ug/L	100
8) Chloroethane	1.552	64	22714	4.421	ug/L	93
9) Trichlorofluoromethane	1.716	101	55375	5.102	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27828	4.905	ug/L	98
12) 1,1-Dichloroethene	2.069	96	28245	5.128	ug/L	99
13) Acetone	2.153	43	35725m	45.916	ug/L	
14) Carbon disulfide	2.243	76	80878	4.538	ug/L	100
15) Methyl Acetate	2.391	43	7216	3.919	ug/L	98
16) Methylene chloride	2.449	84	26667	5.046	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	55548	4.908	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	27806	4.956	ug/L	98
19) 1,1-Dichloroethane	3.111	63	51989	5.043	ug/L	98
21) 2-Butanone	3.902	43	44045	42.838	ug/L #	64
22) cis-1,2-Dichloroethene	3.815	96	28772	4.520	ug/L	99
23) Bromochloromethane	4.150	128	11461	5.179	ug/L	94
25) Chloroform	4.278	83	53290	5.114	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	29686	4.975	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	51259	5.121	ug/L	98
30) Cyclohexane	4.584	56	41809	4.295	ug/L	94
31) Carbon tetrachloride	4.735	117	44015	5.025	ug/L	98
33) Benzene	5.011	78	110183	4.927	ug/L	100
34) Trichloroethene	5.834	95	29134	4.502	ug/L	97
35) Methylcyclohexane	6.050	83	43895	4.321	ug/L	98
37) 1,2-Dichloropropane	6.095	63	25735	4.751	ug/L	99
38) Bromodichloromethane	6.432	83	33908	4.769	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	30601	3.713	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	117118	45.151	ug/L	98
42) Toluene	7.313	91	119157	4.986	ug/L	96
44) trans-1,3-Dichloropropene	7.583	75	23486	3.711	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	15244	4.558	ug/L	96
47) Tetrachloroethene	7.905	164	23048	4.383	ug/L	97
48) 2-Hexanone	8.079	43	81226	44.424	ug/L	98
49) Dibromochloromethane	8.175	129	18434	4.638	ug/L	100
50) 1,2-Dibromoethane	8.284	107	14573	4.854	ug/L	100
51) Chlorobenzene	8.815	112	73927	4.892	ug/L	100
52) Ethylbenzene	8.947	91	134283	4.881	ug/L	100
53) m,p-Xylene	9.072	106	50220	4.831	ug/L	98
54) o-Xylene	9.477	106	49463	4.934	ug/L	98
55) Styrene	9.497	104	75951	4.732	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	16612	4.706	ug/L #	95
59) Bromoform	9.667	173	8263	4.248	ug/L	96
60) Isopropylbenzene	9.866	105	127462	4.879	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	12246	5.045	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	110512	5.004	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	107827	5.025	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	57393	5.039	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	55245	4.898	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	51110	5.224	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2444	4.805	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	41104	4.663	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	32840	4.772	ug/L	99
71) Naphthalene	13.439	128	43371	4.810	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	26949	4.887	ug/L	99

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

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