

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028648.D
 Acq On : 20 Oct 2022 20:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005330

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

Quant Time: Oct 21 01:14:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 00:53:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	204003	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	142527	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	71223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	105273	5.212	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.200%
7) Chloroethane-d5	1.558	69	82169	5.176	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.095	63	185494	5.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.600%
20) 2-Butanone-d5	3.947	46	210040	55.253	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.500%
24) Chloroform-d	4.333	84	164414	5.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.024	65	82329	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.031	84	331863	5.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.056	67	111219m	5.720	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.400%
41) Toluene-d8	7.301	98	217673	4.853	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.613	79	20110	4.260	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.104	63	103757	52.938	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.880%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	51543	5.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	67093	5.241	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	50325	5.079	ug/L	97
3) Chloromethane	1.230	50	96943	4.897	ug/L	97
5) Vinyl chloride	1.301	62	95150	4.976	ug/L	96
6) Bromomethane	1.513	94	44409	4.781	ug/L	99
8) Chloroethane	1.574	64	61478	4.779	ug/L	97
9) Trichlorofluoromethane	1.741	101	120891	5.166	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	72977	5.211	ug/L	100
12) 1,1-Dichloroethene	2.105	96	65273	4.956	ug/L	95
13) Acetone	2.240	43	116106	47.645	ug/L	70
14) Carbon disulfide	2.278	76	146516	4.644	ug/L	99
15) Methyl Acetate	2.449	43	33777	4.659	ug/L #	90
16) Methylene chloride	2.494	84	84178	4.436	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	181746	5.048	ug/L	99
18) trans-1,2-Dichloroethene	2.745	96	70333	4.903	ug/L	98
19) 1,1-Dichloroethane	3.175	63	169868	5.072	ug/L	97
21) 2-Butanone	4.031	43	228265	53.004	ug/L #	77
22) cis-1,2-Dichloroethene	3.896	96	82739	5.015	ug/L #	92
23) Bromochloromethane	4.233	128	29627	4.909	ug/L	99
25) Chloroform	4.362	83	157545	4.958	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	96910	4.874	ug/L	99
29) 1,1,1-Trichloroethane	4.587	97	123843	5.043	ug/L	99
30) Cyclohexane	4.648	56	143756	5.343	ug/L	98
31) Carbon tetrachloride	4.802	117	93360	5.148	ug/L	99
33) Benzene	5.079	78	340164	5.087	ug/L	100
34) Trichloroethene	5.892	95	84292	5.462	ug/L	98
35) Methylcyclohexane	6.101	83	137396	5.672	ug/L	98
37) 1,2-Dichloropropane	6.159	63	95547	5.339	ug/L	99
38) Bromodichloromethane	6.494	83	85029	4.947	ug/L	96
39) cis-1,3-Dichloropropene	7.014	75	74303	4.009	ug/L	100
40) 4-Methyl-2-pentanone	7.246	43	395770	45.668	ug/L	99
42) Toluene	7.371	91	259898	4.694	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	55303	4.222	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	41379	4.905	ug/L	96
47) Tetrachloroethene	7.960	164	40033	4.804	ug/L	95
48) 2-Hexanone	8.156	43	274618	50.590	ug/L	99
49) Dibromochloromethane	8.236	129	37404	4.784	ug/L	95
50) 1,2-Dibromoethane	8.346	107	35783	4.955	ug/L	98
51) Chlorobenzene	8.873	112	159466	4.926	ug/L	100
52) Ethylbenzene	9.002	91	281302	4.914	ug/L	98
53) m,p-Xylene	9.127	106	103765	4.961	ug/L	98
54) o-Xylene	9.532	106	103290	4.979	ug/L	97
55) Styrene	9.551	104	179594	5.078	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	51748	5.210	ug/L	98
59) Bromoform	9.725	173	16153	4.593	ug/L	100
60) Isopropylbenzene	9.921	105	281278	4.725	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	37200	4.820	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	78957	4.618	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	223170	4.847	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	122920	5.217	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	120188	5.051	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	111708	5.098	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	5982	4.421	ug/L	92
69) 1,3,5-Trichlorobenzene	12.635	180	86774	5.171	ug/L	98
70) 1,2,4-trichlorobenzene	13.249	180	64922	4.910	ug/L	96
71) Naphthalene	13.490	128	94945	4.247	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	57293	4.959	ug/L	98

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

