

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120622\
 Data File : VW029408.D
 Acq On : 06 Dec 2022 15:03
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005379

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

Quant Time: Dec 06 21:49:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 06 21:48:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	229804	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	210115	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	115946	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70082	4.956	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.564	69	52341	5.056	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.105	63	107686	4.758	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	3.899	46	98599	41.677	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.360%
24) Chloroform-d	4.336	84	120859	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.021	65	50417	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.040	84	246865	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.059	67	71917	4.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.304	98	230800	4.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
43) trans-1,3-Dichloroprop...	7.612	79	27494	4.370	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.082	63	100555	44.840	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.680%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	50475	5.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	83427	4.119	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	83715	4.882	ug/L	99
3) Chloromethane	1.240	50	90121	5.736	ug/L	99
5) Vinyl chloride	1.310	62	83303	5.321	ug/L	99
6) Bromomethane	1.519	94	39286	4.022	ug/L	100
8) Chloroethane	1.584	64	49111	5.278	ug/L	96
9) Trichlorofluoromethane	1.751	101	112839	5.149	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	65390	5.352	ug/L	97
12) 1,1-Dichloroethene	2.114	96	62091	5.255	ug/L	91
13) Acetone	2.191	43	69982m	40.683	ug/L	
14) Carbon disulfide	2.288	76	177776	5.178	ug/L	99
15) Methyl Acetate	2.433	43	27021m	5.466	ug/L	
16) Methylene chloride	2.500	84	86132	4.771	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	162488	5.378	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	73895	5.449	ug/L	97
19) 1,1-Dichloroethane	3.178	63	137867	5.648	ug/L	99
21) 2-Butanone	3.979	43	128586	47.750	ug/L	100
22) cis-1,2-Dichloroethene	3.899	96	83293	5.370	ug/L	95
23) Bromochloromethane	4.236	128	35137	5.655	ug/L	96
25) Chloroform	4.362	83	140294	5.505	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	72664	5.263	ug/L	98
29) 1,1,1-Trichloroethane	4.596	97	124593	5.155	ug/L	100
30) Cyclohexane	4.664	56	113044	4.732	ug/L	98
31) Carbon tetrachloride	4.815	117	106875	5.229	ug/L	99
33) Benzene	5.088	78	316973	5.044	ug/L	100
34) Trichloroethene	5.902	95	82439	5.142	ug/L	92
35) Methylcyclohexane	6.120	83	124829	4.613	ug/L	98
37) 1,2-Dichloropropane	6.162	63	76757	5.185	ug/L	100
38) Bromodichloromethane	6.500	83	101729	5.740	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	111856	5.169	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	352717	50.918	ug/L	98
42) Toluene	7.378	91	344271	5.104	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	91269	5.324	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	55190	5.507	ug/L	98
47) Tetrachloroethene	7.963	164	63479	4.830	ug/L	97
48) 2-Hexanone	8.133	43	250459	51.864	ug/L	98
49) Dibromochloromethane	8.236	129	66226	5.874	ug/L	97
50) 1,2-Dibromoethane	8.342	107	47792	5.465	ug/L	97
51) Chlorobenzene	8.873	112	219041	5.196	ug/L	99
52) Ethylbenzene	9.001	91	371776	5.287	ug/L	100
53) m,p-Xylene	9.127	106	145777	5.256	ug/L	100
54) o-Xylene	9.532	106	140140	5.144	ug/L	95
55) Styrene	9.551	104	250148	5.439	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	63916	6.163	ug/L	99
59) Bromoform	9.722	173	37920	6.225	ug/L	99
60) Isopropylbenzene	9.921	105	382182	5.098	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	44429	5.525	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	330525	5.092	ug/L	98
63) 1,2,4-Trimethylbenzene	10.902	105	331236	5.074	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	186066	5.320	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	181772	5.254	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	169468	5.260	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.416	75	10169	6.439	ug/L	94
69) 1,3,5-Trichlorobenzene	12.631	180	151846	5.270	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	121557	5.206	ug/L	99
71) Naphthalene	13.493	128	112046	5.544	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	100493	5.287	ug/L	100

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

