

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102022\
 Data File : VW028630.D
 Acq On : 20 Oct 2022 12:01
 Operator : SY/MD
 Sample : VSTD00566
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005266

Manual Integrations
 APPROVED

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

Quant Time: Oct 20 23:11:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 20 23:10:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	226505	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	156540	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	80399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	119757	5.835	ug/L	0.00
7) Chloroethane-d5	1.558	69	91145	5.485	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.095	63	206885	5.604	ug/L	0.00
20) 2-Butanone-d5	3.957	46	221453	53.054	ug/L	0.00
24) Chloroform-d	4.333	84	175505	5.669	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	92359	5.820	ug/L	0.00
32) Benzene-d6	5.030	84	366690	6.788	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.056	67	124820m	6.870	ug/L	0.00
41) Toluene-d8	7.300	98	252085	6.037	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	22771	4.266	ug/L	0.00
46) 2-Hexanone-d5	8.104	63	103549	45.135	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	52605	5.387	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	73758	5.443	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	54644	4.295	ug/L	100
3) Chloromethane	1.230	50	107250	4.953	ug/L	100
5) Vinyl chloride	1.301	62	109614	5.124	ug/L	100
6) Bromomethane	1.513	94	48850	5.026	ug/L	100
8) Chloroethane	1.574	64	70949	5.076	ug/L	100
9) Trichlorofluoromethane	1.741	101	131360	5.031	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	80378	5.165	ug/L	100
12) 1,1-Dichloroethene	2.105	96	71689	4.980	ug/L	100
13) Acetone	2.243	43	126702	42.926	ug/L	95
14) Carbon disulfide	2.278	76	175124	4.478	ug/L	100
15) Methyl Acetate	2.452	43	38653	5.600	ug/L	100
16) Methylene chloride	2.494	84	92414	4.589	ug/L	100
17) Methyl tert-butyl Ether	2.773	73	203335	5.516	ug/L	100
18) trans-1,2-Dichloroethene	2.744	96	78088	5.210	ug/L	100
19) 1,1-Dichloroethane	3.175	63	188134	5.509	ug/L	100
21) 2-Butanone	4.037	43	243030	56.234	ug/L	100
22) cis-1,2-Dichloroethene	3.895	96	91220	5.358	ug/L	100
23) Bromochloromethane	4.233	128	32295	4.978	ug/L	100
25) Chloroform	4.362	83	177695	5.487	ug/L	100
27) 1,2-Dichloroethane	5.124	62	111231	5.789	ug/L	100
29) 1,1,1-Trichloroethane	4.587	97	136153	6.058	ug/L	100
30) Cyclohexane	4.648	56	159765	6.168	ug/L	100
31) Carbon tetrachloride	4.805	117	104794	6.028	ug/L	100
33) Benzene	5.079	78	377874	6.436	ug/L	100
34) Trichloroethene	5.892	95	94248	6.483	ug/L	100
35) Methylcyclohexane	6.101	83	157613	6.518	ug/L	100
37) 1,2-Dichloropropane	6.159	63	106731	6.804	ug/L	100
38) Bromodichloromethane	6.493	83	97731	5.782	ug/L	100
39) cis-1,3-Dichloropropene	7.014	75	103134	5.350	ug/L	100
40) 4-Methyl-2-pentanone	7.246	43	469747	58.829	ug/L	100
42) Toluene	7.371	91	295731	5.547	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	64678	4.598	ug/L	100

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

45) 1,1,2-Trichloroethane	7.834	97	43609	5.444	ug/L	100
47) Tetrachloroethene	7.960	164	45848	5.236	ug/L	100
48) 2-Hexanone	8.156	43	290607	53.877	ug/L	100
49) Dibromochloromethane	8.239	129	42135	5.031	ug/L	100
50) 1,2-Dibromoethane	8.345	107	38563	5.468	ug/L	100
51) Chlorobenzene	8.873	112	179011	5.433	ug/L	100
52) Ethylbenzene	9.001	91	313840	5.350	ug/L	100
53) m,p-Xylene	9.127	106	117645	5.340	ug/L	100
54) o-Xylene	9.532	106	113842	5.372	ug/L	100
55) Styrene	9.551	104	199114	5.500	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	55193	5.544	ug/L	100
59) Bromoform	9.722	173	18629	4.629	ug/L	100
60) Isopropylbenzene	9.921	105	317441	5.298	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	40264	5.429	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	89193	5.004	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	252378	5.161	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	132114	5.232	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	130608	5.257	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	120665	5.308	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.419	75	6702	4.580	ug/L	100
69) 1,3,5-Trichlorobenzene	12.635	180	93158	5.108	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	72047	5.165	ug/L	100
71) Naphthalene	13.493	128	105520	5.087	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	63851	5.486	ug/L	100

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

