

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032323\
 Data File : VW030300.D
 Acq On : 23 Mar 2023 10:08
 Operator : SY/MD
 Sample : VSTD00129
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001229

Quant Time: Mar 24 02:22:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 24 02:21:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	126294	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	123768	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	63393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	8173	0.977	ug/L	0.00
7) Chloroethane-d5	1.535	69	8155	1.005	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	63	20207	1.018	ug/L	0.00
20) 2-Butanone-d5	3.883	46	20433m	9.944	ug/L	0.04
24) Chloroform-d	4.265	84	20258	1.001	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.960	65	9412	0.985	ug/L	0.00
32) Benzene-d6	4.973	84	33026	0.947	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.002	67	10956	1.003	ug/L	0.00
41) Toluene-d8	7.255	98	29387	0.918	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	3989	0.970	ug/L	0.00
46) 2-Hexanone-d5	8.043	63	13420	8.124	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	8448	0.982	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	10722	0.946	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	16338	1.018	ug/L	99
3) Chloromethane	1.217	50	20261	1.000	ug/L	99
5) Vinyl chloride	1.285	62	14152	0.958	ug/L	100
6) Bromomethane	1.490	94	4125	0.979	ug/L	97
8) Chloroethane	1.552	64	8459	1.000	ug/L	97
9) Trichlorofluoromethane	1.716	101	21781	1.012	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	12085	1.017	ug/L	95
12) 1,1-Dichloroethene	2.072	96	10797	1.023	ug/L	91
13) Acetone	2.175	43	19264m	9.717	ug/L	
14) Carbon disulfide	2.246	76	33702	0.970	ug/L	98
15) Methyl Acetate	2.420	43	3431m	1.006	ug/L	
16) Methylene chloride	2.452	84	13850	1.110	ug/L	99
17) Methyl tert-butyl Ether	2.719	73	20217	0.905	ug/L	95
18) trans-1,2-Dichloroethene	2.703	96	10445	0.940	ug/L	98
19) 1,1-Dichloroethane	3.124	63	21020	0.975	ug/L	98
21) 2-Butanone	3.960	43	23319m	9.372	ug/L	
22) cis-1,2-Dichloroethene	3.834	96	10018	0.898	ug/L	98
23) Bromochloromethane	4.166	128	4755	0.913	ug/L	99
25) Chloroform	4.294	83	21546	0.989	ug/L	99
27) 1,2-Dichloroethane	5.059	62	12214	0.928	ug/L	99
29) 1,1,1-Trichloroethane	4.526	97	19582	0.984	ug/L	98
30) Cyclohexane	4.590	56	15874	0.876	ug/L	97
31) Carbon tetrachloride	4.748	117	18044	1.000	ug/L	98
33) Benzene	5.021	78	41248	0.938	ug/L	100
34) Trichloroethene	5.847	95	11787	0.994	ug/L	97
35) Methylcyclohexane	6.059	83	16401	0.881	ug/L	95
37) 1,2-Dichloropropane	6.104	63	10512	0.931	ug/L #	94
38) Bromodichloromethane	6.448	83	13875	0.939	ug/L	100
39) cis-1,3-Dichloropropene	6.966	75	14604	0.920	ug/L	95
40) 4-Methyl-2-pentanone	7.175	43	50173	8.437	ug/L	98
42) Toluene	7.326	91	42194	0.901	ug/L	96
44) trans-1,3-Dichloropropene	7.596	75	12227	0.905	ug/L	98

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

45) 1,1,2-Trichloroethane	7.783	97	7960	1.002	ug/L	94
47) Tetrachloroethene	7.915	164	10152	0.970	ug/L	96
48) 2-Hexanone	8.095	43	35210	7.901	ug/L	95
49) Dibromochloromethane	8.188	129	8825	0.933	ug/L	99
50) 1,2-Dibromoethane	8.294	107	7031	0.973	ug/L #	89
51) Chlorobenzene	8.821	112	27385	0.913	ug/L	95
52) Ethylbenzene	8.956	91	43704	0.853	ug/L	100
53) m,p-Xylene	9.082	106	16620	0.848	ug/L	96
54) o-Xylene	9.487	106	16229	0.865	ug/L	94
55) Styrene	9.506	104	25266	0.793	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	9083	0.963	ug/L	95
59) Bromoform	9.677	173	5304	1.035	ug/L	96
60) Isopropylbenzene	9.876	105	42810	0.916	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	6014	1.061	ug/L	95
62) 1,3,5-Trimethylbenzene	10.484	105	33634	0.882	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	33018	0.849	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	21737	0.932	ug/L	93
65) 1,4-Dichlorobenzene	11.220	146	22724	0.968	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	19474	0.927	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	1410	1.000	ug/L	86
69) 1,3,5-Trichlorobenzene	12.593	180	17557	0.978	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	12772	0.922	ug/L	97
71) Naphthalene	13.448	128	17890	0.904	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	10939	0.911	ug/L	99

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

