

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092222\
 Data File : VW028064.D
 Acq On : 22 Sep 2022 16:31
 Operator : SY/MD
 Sample : VSTD00147
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001247

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/23/2022
 Supervised By :Mahesh Dadoda 09/26/2022

Quant Time: Sep 23 03:54:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 03:53:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	180673	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	175895	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	86096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	17544	1.130	ug/L	0.00
7) Chloroethane-d5	1.561	69	14262	1.070	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	35367	1.378	ug/L	0.00
20) 2-Butanone-d5	3.908	46	25764	10.110	ug/L	0.03
24) Chloroform-d	4.349	84	28479	1.110	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	13435	1.214	ug/L	0.00
32) Benzene-d6	5.047	84	52992	1.153	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	16972	1.132	ug/L	0.00
41) Toluene-d8	7.313	98	46638	1.120	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	6083	1.197	ug/L	0.00
46) 2-Hexanone-d5	8.092	63	21278	9.756	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	11853	1.002	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	16215	1.120	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	13063	0.963	ug/L	93
3) Chloromethane	1.237	50	18645	1.179	ug/L	98
5) Vinyl chloride	1.304	62	13283	0.847	ug/L	96
6) Bromomethane	1.516	94	8921	0.841	ug/L	98
8) Chloroethane	1.577	64	9231	0.876	ug/L	93
9) Trichlorofluoromethane	1.745	101	21907	0.925	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	13566	0.930	ug/L	96
12) 1,1-Dichloroethene	2.111	96	16556	1.279	ug/L	85
13) Acetone	2.182	43	22035	11.363	ug/L	93
14) Carbon disulfide	2.285	76	23783	0.913	ug/L	98
15) Methyl Acetate	2.442	43	4199	1.001	ug/L	99
16) Methylene chloride	2.500	84	13172	0.917	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	25073	1.025	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	10340	0.857	ug/L	97
19) 1,1-Dichloroethane	3.182	63	22719	0.965	ug/L	97
21) 2-Butanone	3.998	43	21757m	9.181	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	19508	1.432	ug/L	93
23) Bromochloromethane	4.249	128	5530	0.908	ug/L	83
25) Chloroform	4.368	83	26048	1.006	ug/L	97
27) 1,2-Dichloroethane	5.133	62	12435	0.990	ug/L #	83
29) 1,1,1-Trichloroethane	4.603	97	21426	1.067	ug/L	98
30) Cyclohexane	4.667	56	13413	0.921	ug/L	93
31) Carbon tetrachloride	4.818	117	17238	0.974	ug/L	99
33) Benzene	5.098	78	44763	0.920	ug/L	100
34) Trichloroethene	5.915	95	11600	0.959	ug/L	96
35) Methylcyclohexane	6.124	83	13492	0.789	ug/L	95
37) 1,2-Dichloropropane	6.172	63	12241	0.932	ug/L #	94
38) Bromodichloromethane	6.510	83	15527	0.920	ug/L #	98
39) cis-1,3-Dichloropropene	7.031	75	14828	0.901	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	55461	9.727	ug/L	97
42) Toluene	7.387	91	44410	0.860	ug/L	96
44) trans-1,3-Dichloropropene	7.654	75	13226	0.959	ug/L	100

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

45) 1,1,2-Trichloroethane	7.841	97	8822	0.932	ug/L	96
47) Tetrachloroethene	7.976	164	9416	0.893	ug/L	95
48) 2-Hexanone	8.143	43	42633m	10.437	ug/L	
49) Dibromochloromethane	8.246	129	10296	0.896	ug/L	95
50) 1,2-Dibromoethane	8.352	107	7793	0.941	ug/L	95
51) Chlorobenzene	8.879	112	32235	0.902	ug/L	97
52) Ethylbenzene	9.011	91	47337	0.881	ug/L	99
53) m,p-Xylene	9.137	106	17587	0.848	ug/L	96
54) o-Xylene	9.542	106	17232	0.831	ug/L	99
55) Styrene	9.561	104	29102	0.808	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	10432	0.877	ug/L	95
59) Bromoform	9.731	173	5727	0.996	ug/L	99
60) Isopropylbenzene	9.928	105	45385	0.921	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	7779	1.171	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	13533	1.013	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	34338	0.888	ug/L	97
64) 1,3-Dichlorobenzene	11.181	146	23911	0.905	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	24178	0.913	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	23498	0.966	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	1514	1.017	ug/L #	86
69) 1,3,5-Trichlorobenzene	12.644	180	19422	0.925	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	14559	0.873	ug/L	99
71) Naphthalene	13.503	128	23003	0.928	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	13148	0.885	ug/L	98

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

