

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025402.D
 Acq On : 08 Apr 2022 11:21
 Operator : SY/MD
 Sample : VSTD0.531
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5231

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/11/2022
 Supervised By :Mahesh Dadoda 04/13/2022

Quant Time: Apr 09 04:27:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:20:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	242390	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	235551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	123770	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	10393	0.459	ug/L	0.00
7) Chloroethane-d5	1.571	69	9577	0.483	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.114	63	20598	0.426	ug/L	0.00
20) 2-Butanone-d5	3.918	46	10589	4.450	ug/L	0.03
24) Chloroform-d	4.362	84	15594	0.512	ug/L	0.01
26) 1,2-Dichloroethane-d4	5.046	65	6305	0.472	ug/L	0.01
32) Benzene-d6	5.059	84	29413	0.483	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	8411	0.491	ug/L	0.00
41) Toluene-d8	7.323	98	26345	0.472	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	2374	0.426	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	8126	4.074	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	5406	0.482	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	9314	0.464	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	11369	0.501	ug/L	97
3) Chloromethane	1.243	50	12727	0.475	ug/L	99
5) Vinyl chloride	1.314	62	14622	0.489	ug/L	94
6) Bromomethane	1.526	94	9750	0.536	ug/L	95
8) Chloroethane	1.587	64	9810	0.512	ug/L	97
9) Trichlorofluoromethane	1.757	101	20467	0.507	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	10792	0.449	ug/L	99
12) 1,1-Dichloroethene	2.124	96	11287	0.494	ug/L #	82
13) Acetone	2.178	43	10824	6.354	ug/L	95
14) Carbon disulfide	2.301	76	26339	0.547	ug/L	99
15) Methyl Acetate	2.449	43	2453	0.639	ug/L #	82
16) Methylene chloride	2.513	84	13503	0.730	ug/L	96
17) Methyl tert-butyl Ether	2.773	73	17062	0.576	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	9134	0.548	ug/L	92
19) 1,1-Dichloroethane	3.194	63	16721	0.598	ug/L	94
21) 2-Butanone	3.998	43	12944m	5.632	ug/L	
22) cis-1,2-Dichloroethene	3.921	96	9587	0.556	ug/L	97
23) Bromochloromethane	4.256	128	4041	0.572	ug/L	91
25) Chloroform	4.384	83	16039	0.519	ug/L	94
27) 1,2-Dichloroethane	5.143	62	9328	0.583	ug/L #	92
29) 1,1,1-Trichloroethane	4.612	97	15126	0.564	ug/L	97
30) Cyclohexane	4.683	56	12626	0.523	ug/L	94
31) Carbon tetrachloride	4.831	117	12123	0.524	ug/L	99
33) Benzene	5.108	78	37525	0.572	ug/L	100
34) Trichloroethene	5.924	95	9024	0.499	ug/L	93
35) Methylcyclohexane	6.133	83	14777	0.525	ug/L	96
37) 1,2-Dichloropropane	6.178	63	9061	0.595	ug/L	99
38) Bromodichloromethane	6.513	83	10330	0.536	ug/L	98
39) cis-1,3-Dichloropropene	7.037	75	10303	0.523	ug/L	94
40) 4-Methyl-2-pentanone	7.230	43	31636	5.178	ug/L	96
42) Toluene	7.394	91	38433	0.550	ug/L	98
44) trans-1,3-Dichloropropene	7.661	75	7773	0.501	ug/L	97

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

45) 1,1,2-Trichloroethane	7.844	97	5812	0.560	ug/L	97
47) Tetrachloroethene	7.976	164	7458	0.563	ug/L	97
48) 2-Hexanone	8.146	43	21352	4.921	ug/L	98
49) Dibromochloromethane	8.249	129	5850	0.521	ug/L	80
50) 1,2-Dibromoethane	8.355	107	5522	0.568	ug/L #	93
51) Chlorobenzene	8.882	112	25214	0.557	ug/L	97
52) Ethylbenzene	9.014	91	41394	0.559	ug/L	98
53) m,p-Xylene	9.140	106	14194	0.492	ug/L	97
54) o-Xylene	9.545	106	14369	0.523	ug/L	96
55) Styrene	9.564	104	21763	0.482	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.242	83	5889	0.548	ug/L #	98
59) Bromoform	9.731	173	2639	0.552	ug/L #	92
60) Isopropylbenzene	9.931	105	38926	0.508	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	4475	0.514	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	16562	0.479	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	29193	0.477	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	18972	0.527	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	20587	0.568	ug/L	95
67) 1,2-Dichlorobenzene	11.644	146	17539	0.555	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	751	0.480	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	14811	0.566	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	11375	0.575	ug/L	97
71) Naphthalene	13.506	128	16291	0.532	ug/L	97
72) 1,2,3-Trichlorobenzene	13.741	180	9480	0.558	ug/L	100

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

