

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028271.D
 Acq On : 03 Oct 2022 11:19
 Operator : SY/MD
 Sample : VSTD00554
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005254

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/04/2022
 Supervised By :Mahesh Dadoda 10/04/2022

Quant Time: Oct 04 01:53:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 03 12:31:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	174668	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	187617	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	102838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68009	3.756	ug/L	0.00
7) Chloroethane-d5	1.561	69	57711	4.008	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	131407	4.184	ug/L	0.00
20) 2-Butanone-d5	3.909	46	111586	36.500	ug/L	0.02
24) Chloroform-d	4.339	84	123047	4.258	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.027	65	54864	3.990	ug/L	0.00
32) Benzene-d6	5.040	84	244781	3.979	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	68442	3.569	ug/L	0.00
41) Toluene-d8	7.310	98	241675	4.340	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	27347	3.948	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	118566	41.007	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	57767	4.407	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	86143	4.271	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	78597	6.025	ug/L	94
3) Chloromethane	1.237	50	72830	4.216	ug/L	97
5) Vinyl chloride	1.304	62	82830	6.115	ug/L	99
6) Bromomethane	1.516	94	37499	4.251	ug/L	99
8) Chloroethane	1.577	64	55023	6.058	ug/L	88
9) Trichlorofluoromethane	1.745	101	127599	5.933	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	72625	5.860	ug/L	97
12) 1,1-Dichloroethene	2.111	96	69938	5.794	ug/L #	71
13) Acetone	2.204	43	80962m	34.382	ug/L	
14) Carbon disulfide	2.285	76	211735	9.141	ug/L	100
15) Methyl Acetate	2.439	43	20267	4.434	ug/L	91
16) Methylene chloride	2.500	84	73545	5.458	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	138202	5.322	ug/L	96
18) trans-1,2-Dichloroethene	2.751	96	72327	6.845	ug/L	92
19) 1,1-Dichloroethane	3.179	63	122471	5.313	ug/L	98
21) 2-Butanone	3.992	43	113379	38.891	ug/L	84
22) cis-1,2-Dichloroethene	3.902	96	70563	5.089	ug/L	94
23) Bromochloromethane	4.240	128	32818	5.911	ug/L #	84
25) Chloroform	4.365	83	133888	5.413	ug/L	99
27) 1,2-Dichloroethane	5.124	62	69980	5.306	ug/L #	92
29) 1,1,1-Trichloroethane	4.600	97	118831	5.155	ug/L	98
30) Cyclohexane	4.667	56	101092	6.063	ug/L	91
31) Carbon tetrachloride	4.818	117	105864	5.581	ug/L	99
33) Benzene	5.092	78	287481	5.518	ug/L	100
34) Trichloroethene	5.905	95	70425	5.430	ug/L	97
35) Methylcyclohexane	6.124	83	116049	6.525	ug/L	94
37) 1,2-Dichloropropane	6.166	63	67779	4.641	ug/L	99
38) Bromodichloromethane	6.503	83	92009	5.103	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	94650	5.217	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	316218	44.584	ug/L #	94
42) Toluene	7.381	91	317976	5.851	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	81580	5.228	ug/L	96

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45) 1,1,2-Trichloroethane	7.834	97	49931	5.100	ug/L	98
47) Tetrachloroethene	7.969	164	65692	6.346	ug/L	98
48) 2-Hexanone	8.137	43	244383	45.388	ug/L #	93
49) Dibromochloromethane	8.239	129	67185	5.707	ug/L	100
50) 1,2-Dibromoethane	8.349	107	48104	5.654	ug/L	99
51) Chlorobenzene	8.876	112	211743	5.809	ug/L	99
52) Ethylbenzene	9.008	91	342847	5.963	ug/L	99
53) m,p-Xylene	9.133	106	140138	6.360	ug/L	95
54) o-Xylene	9.538	106	131692	6.053	ug/L	100
55) Styrene	9.558	104	232936	6.178	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	60377	5.293	ug/L	98
59) Bromoform	9.728	173	36972	5.663	ug/L	98
60) Isopropylbenzene	9.928	105	345978	5.732	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	43206	5.009	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	94601	5.564	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	272507	5.734	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	168855	5.622	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	168712	5.614	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	150622	5.308	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	9241	4.888	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	130336	5.482	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	97226	5.114	ug/L	98
71) Naphthalene	13.500	128	138231	4.440	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	87334	5.078	ug/L	98

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

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