

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027628.D
 Acq On : 31 Aug 2022 19:34
 Operator : SY/MD
 Sample : VSTD0.524
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5224

Quant Time: Sep 01 01:50:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 01:48:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Mahesh Dadoda 09/01/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	133290	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	124858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	55263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	6914	0.477	ug/L	0.00
7) Chloroethane-d5	1.561	69	6409	0.529	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	14883	0.525	ug/L	0.00
20) 2-Butanone-d5	3.944	46	14131m	6.503	ug/L	0.05
24) Chloroform-d	4.346	84	16089	0.553	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	7226	0.555	ug/L	0.00
32) Benzene-d6	5.043	84	26967	0.527	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	9776	0.618	ug/L	0.00
41) Toluene-d8	7.317	98	20581	0.465	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2355	0.483	ug/L	0.00
46) 2-Hexanone-d5	8.108	63	7265	3.964	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.217	84	5699	0.560	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	7558	0.611	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	8180	0.450	ug/L	97
3) Chloromethane	1.240	50	8641	0.497	ug/L	95
5) Vinyl chloride	1.311	62	7967	0.481	ug/L	97
6) Bromomethane	1.516	94	3989	0.513	ug/L	92
8) Chloroethane	1.581	64	4384	0.474	ug/L	96
9) Trichlorofluoromethane	1.748	101	10582	0.477	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	5879	0.486	ug/L	95
12) 1,1-Dichloroethene	2.111	96	5662	0.509	ug/L	89
13) Acetone	2.201	43	10216m	6.373	ug/L	
14) Carbon disulfide	2.285	76	16730	0.476	ug/L	98
15) Methyl Acetate	2.442	43	3258	0.741	ug/L #	76
16) Methylene chloride	2.500	84	7547	0.538	ug/L	99
17) Methyl tert-butyl Ether	2.777	73	11906	0.501	ug/L #	91
18) trans-1,2-Dichloroethene	2.751	96	6060	0.481	ug/L	98
19) 1,1-Dichloroethane	3.179	63	11611	0.470	ug/L	95
21) 2-Butanone	4.021	43	10779m	5.602	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	6023	0.479	ug/L	93
23) Bromochloromethane	4.246	128	2527	0.453	ug/L	89
25) Chloroform	4.368	83	13164	0.508	ug/L	96
27) 1,2-Dichloroethane	5.133	62	6847	0.484	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	10633	0.493	ug/L	98
30) Cyclohexane	4.664	56	8110	0.445	ug/L	98
31) Carbon tetrachloride	4.815	117	9017	0.488	ug/L	95
33) Benzene	5.095	78	22322	0.458	ug/L	100
34) Trichloroethene	5.915	95	5670	0.474	ug/L	91
35) Methylcyclohexane	6.127	83	7934	0.427	ug/L	98
37) 1,2-Dichloropropane	6.175	63	5653	0.460	ug/L	98
38) Bromodichloromethane	6.513	83	7278	0.468	ug/L	91
39) cis-1,3-Dichloropropene	7.034	75	6525	0.435	ug/L	89
40) 4-Methyl-2-pentanone	7.243	43	20829	3.811	ug/L	99
42) Toluene	7.387	91	19131	0.393	ug/L	98
44) trans-1,3-Dichloropropene	7.658	75	4724	0.386	ug/L #	75

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.847	97	3860	0.487	ug/L	95
47) Tetrachloroethene	7.973	164	4780	0.492	ug/L	96
49) Dibromochloromethane	8.246	129	4278	0.455	ug/L	98
50) 1,2-Dibromoethane	8.358	107	3313	0.466	ug/L #	98
51) Chlorobenzene	8.883	112	13972	0.456	ug/L	94
52) Ethylbenzene	9.014	91	19862	0.403	ug/L	98
53) m,p-Xylene	9.140	106	7375	0.389	ug/L	96
54) o-Xylene	9.545	106	7199	0.398	ug/L	100
55) Styrene	9.564	104	11380	0.369	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.243	83	3880	0.442	ug/L #	92
59) Bromoform	9.735	173	1977	0.504	ug/L #	94
60) Isopropylbenzene	9.931	105	18513	0.443	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	2896	0.518	ug/L #	89
62) 1,3,5-Trimethylbenzene	10.542	105	5422	0.475	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	14054	0.428	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	9758	0.483	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	10013	0.499	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	8719	0.482	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	567	0.509	ug/L	90
69) 1,3,5-Trichlorobenzene	12.648	180	7059	0.485	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	5503	0.513	ug/L	98
71) Naphthalene	13.503	128	11629	0.693	ug/L	96
72) 1,2,3-Trichlorobenzene	13.744	180	5072	0.525	ug/L	99

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

