

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081622\
 Data File : VW027401.D
 Acq On : 16 Aug 2022 09:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005373

Quant Time: Aug 16 18:34:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	155778	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	155581	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	44000	3.251	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.561	69	38901	3.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.105	63	109998	4.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	3.886	46	97082	42.356	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.720%
24) Chloroform-d	4.339	84	117022	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.024	65	56187	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.040	84	205506	4.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.063	67	66737	4.703	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.310	98	191843	4.566	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.619	79	23700	4.822	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.085	63	96134	50.537	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51364	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	66842	4.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	96682	5.223	ug/L	97
3) Chloromethane	1.237	50	78027	4.214	ug/L	96
5) Vinyl chloride	1.307	62	78091	4.521	ug/L	100
6) Bromomethane	1.516	94	31408	3.894	ug/L	98
8) Chloroethane	1.581	64	45980	4.788	ug/L	95
9) Trichlorofluoromethane	1.748	101	129370	5.610	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	72813	6.724	ug/L	95
12) 1,1-Dichloroethene	2.111	96	64555	5.754	ug/L	88
13) Acetone	2.175	43	61261	36.168	ug/L	98
14) Carbon disulfide	2.288	76	184243	4.102	ug/L	99
15) Methyl Acetate	2.433	43	20537	4.980	ug/L	91
16) Methylene chloride	2.500	84	73902	4.102	ug/L	97
17) Methyl tert-butyl Ether	2.761	73	121517	4.641	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	65848	4.772	ug/L	96
19) 1,1-Dichloroethane	3.179	63	131053	4.961	ug/L	99
21) 2-Butanone	3.970	43	102488	44.438	ug/L	92
22) cis-1,2-Dichloroethene	3.902	96	68070	5.017	ug/L	100
23) Bromochloromethane	4.236	128	30037	4.736	ug/L	99
25) Chloroform	4.365	83	149866	5.521	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	77264	4.981	ug/L	97
29) 1,1,1-Trichloroethane	4.597	97	124135	5.670	ug/L	99
30) Cyclohexane	4.667	56	94509	5.328	ug/L	97
31) Carbon tetrachloride	4.818	117	113741	5.969	ug/L	97
33) Benzene	5.088	78	285119	5.362	ug/L	100
34) Trichloroethene	5.905	95	71736	5.420	ug/L	98
35) Methylcyclohexane	6.124	83	102880	5.646	ug/L	98
37) 1,2-Dichloropropane	6.166	63	75259	5.726	ug/L	99
38) Bromodichloromethane	6.503	83	94109	5.556	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	88433	5.504	ug/L	93
40) 4-Methyl-2-pentanone	7.223	43	341644	50.366	ug/L	100
42) Toluene	7.381	91	311014	5.862	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	77654	5.525	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	47567	5.076	ug/L	99
47) Tetrachloroethene	7.969	164	59014	5.677	ug/L	98
48) 2-Hexanone	8.137	43	256748	52.746	ug/L	99
49) Dibromochloromethane	8.243	129	60538	5.519	ug/L	100
50) 1,2-Dibromoethane	8.349	107	42784	5.135	ug/L	99
51) Chlorobenzene	8.876	112	189758	5.491	ug/L	98
52) Ethylbenzene	9.008	91	298447	5.599	ug/L	99
53) m,p-Xylene	9.133	106	119264	5.866	ug/L	100
54) o-Xylene	9.542	106	110806	5.572	ug/L	96
55) Styrene	9.558	104	201822	5.902	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	56063	5.367	ug/L	97
59) Bromoform	9.728	173	29790	5.166	ug/L	96
60) Isopropylbenzene	9.928	105	303812	5.641	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	39527	4.800	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	76454	5.136	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	225772	5.291	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	150585	5.595	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	149975	5.538	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	134776	5.378	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	7761	4.511	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	107112	5.519	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	74281	5.122	ug/L	99
71) Naphthalene	13.500	128	92834	4.143	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	67717	5.009	ug/L	99

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

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