

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082622\
 Data File : VW027546.D
 Acq On : 26 Aug 2022 20:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005388

Quant Time: Aug 27 03:17:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	138988	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	147605	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73361	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41901	4.236	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.568	69	39719	5.486	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.800%
11) 1,1-Dichloroethene-d2	2.108	63	96582	4.187	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.892	46	51742	42.031	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.060%
24) Chloroform-d	4.349	84	82766	4.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.034	65	38366	4.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.050	84	148118	3.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	6.069	67	44317	3.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.313	98	137362	3.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.625	79	15820	3.887	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.092	63	58456	43.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34507	4.559	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	45886	4.219	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	59472	4.033	ug/L	100
3) Chloromethane	1.240	50	49289	3.827	ug/L	98
5) Vinyl chloride	1.311	62	56137	4.330	ug/L	97
6) Bromomethane	1.520	94	25571	3.989	ug/L	97
8) Chloroethane	1.584	64	42866	5.658	ug/L	94
9) Trichlorofluoromethane	1.751	101	99265	4.819	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	53355	4.589	ug/L	97
12) 1,1-Dichloroethene	2.118	96	47965	4.561	ug/L	99
13) Acetone	2.175	43	45606	38.793	ug/L	100
14) Carbon disulfide	2.291	76	106348	3.685	ug/L	99
15) Methyl Acetate	2.436	43	12019	3.692	ug/L #	72
16) Methylene chloride	2.503	84	53560	3.378	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	94358	4.337	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	43566	4.021	ug/L	98
19) 1,1-Dichloroethane	3.188	63	93269	4.159	ug/L	99
21) 2-Butanone	3.976	43	69442m	44.384	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	48119	4.168	ug/L	94
23) Bromochloromethane	4.249	128	21367	4.197	ug/L	86
25) Chloroform	4.371	83	104385	4.280	ug/L	96

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27) 1,2-Dichloroethane	5.133	62	56911	4.593	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	93525	4.128	ug/L	99
30) Cyclohexane	4.674	56	61942	3.562	ug/L	96
31) Carbon tetrachloride	4.825	117	79953	4.058	ug/L	99
33) Benzene	5.098	78	196295	4.000	ug/L	100
34) Trichloroethene	5.915	95	51792	4.010	ug/L	97
35) Methylcyclohexane	6.130	83	71249	3.922	ug/L	96
37) 1,2-Dichloropropane	6.169	63	51850	3.963	ug/L	100
38) Bromodichloromethane	6.510	83	69409	4.184	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	59415	3.766	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	232802	39.823	ug/L	96
42) Toluene	7.387	91	212504	4.195	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	53090	3.981	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	35550	4.250	ug/L	96
47) Tetrachloroethene	7.976	164	39802	3.956	ug/L	95
48) 2-Hexanone	8.140	43	182265	43.269	ug/L	96
49) Dibromochloromethane	8.246	129	43025	4.182	ug/L	99
50) 1,2-Dibromoethane	8.352	107	30207	4.137	ug/L	96
51) Chlorobenzene	8.879	112	144448	4.406	ug/L	97
52) Ethylbenzene	9.011	91	217728	4.211	ug/L	99
53) m,p-Xylene	9.137	106	82479	4.168	ug/L	98
54) o-Xylene	9.542	106	82910	4.320	ug/L	99
55) Styrene	9.558	104	150394	4.606	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	43229	4.588	ug/L	97
59) Bromoform	9.731	173	21740	4.422	ug/L	99
60) Isopropylbenzene	9.931	105	218667	4.530	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	30037	4.667	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	61041	4.560	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	166550	4.417	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	108100	4.545	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	110725	4.670	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	97360	4.515	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5884	4.115	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	80775	4.550	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	57144	4.430	ug/L	99
71) Naphthalene	13.500	128	74068	4.159	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	51386	4.485	ug/L	99

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

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