

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082423\
 Data File : VV031883.D
 Acq On : 23 Aug 2023 21:45
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV277

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/24/2023
 Supervised By :Mahesh Dadoda 08/24/2023

Quant Time: Aug 24 04:51:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:46:53 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	116997	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	110208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	58246	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20955	5.303	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 106.000%		
7) Chloroethane-d5	1.535	69	24227	5.352	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.000%		
11) 1,1-Dichloroethene-d2	2.059	65	12157	5.227	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 104.600%		
20) 2-Butanone-d5	3.812	46	92110	48.154	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 96.300%		
24) Chloroform-d	4.252	84	69435	5.192	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.800%		
26) 1,2-Dichloroethane-d4	4.947	65	36306	5.268	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.400%		
32) Benzene-d6	4.963	84	134142	5.349	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.000%		
36) 1,2-Dichloropropane-d6	5.992	67	44131	4.990	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 99.800%		
41) Toluene-d8	7.246	98	122632	5.270	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.400%		
43) trans-1,3-Dichloroprop...	7.558	79	16452	5.102	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 102.000%		
46) 2-Hexanone-d5	8.030	63	98236	57.137	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 114.280%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34335	5.412	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 108.200%		
66) 1,2-Dichlorobenzene-d4	11.564	152	49299	5.226	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 104.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	31618	4.732	ug/L	99
3) Chloromethane	1.217	50	34471	4.815	ug/L	99
5) Vinyl chloride	1.285	62	36034	4.911	ug/L	97
6) Bromomethane	1.490	94	21975	4.792	ug/L	99
8) Chloroethane	1.551	64	23163	4.943	ug/L	100
9) Trichlorofluoromethane	1.715	101	47260	4.993	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27144	4.809	ug/L	94
12) 1,1-Dichloroethene	2.072	96	26578	5.046	ug/L	87
13) Acetone	2.143	43	47581m	42.215	ug/L	
14) Carbon disulfide	2.243	76	75123	5.071	ug/L	99
15) Methyl Acetate	2.387	43	13228	5.759	ug/L	93
16) Methylene chloride	2.449	84	35151	4.104	ug/L	97
17) Methyl tert-butyl Ether	2.709	73	83235	5.094	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	29491	4.940	ug/L	96
19) 1,1-Dichloroethane	3.114	63	60550	4.924	ug/L	99
21) 2-Butanone	3.899	43	66503	41.657	ug/L	87
22) cis-1,2-Dichloroethene	3.818	96	34724	5.049	ug/L	98
23) Bromochloromethane	4.153	128	14270	5.229	ug/L	97
25) Chloroform	4.281	83	61766	4.928	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	37689	5.028	ug/L	99
29) 1,1,1-Trichloroethane	4.516	97	52080	4.892	ug/L	99
30) Cyclohexane	4.583	56	51689	4.725	ug/L	97
31) Carbon tetrachloride	4.738	117	43652	5.070	ug/L	97
33) Benzene	5.014	78	130049	5.123	ug/L	100
34) Trichloroethene	5.837	95	37188	5.012	ug/L	98
35) Methylcyclohexane	6.053	83	52492	4.860	ug/L	100
37) 1,2-Dichloropropane	6.098	63	35245	5.039	ug/L	99
38) Bromodichloromethane	6.436	83	45716	5.050	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	54959	5.165	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	217367	49.585	ug/L	93
42) Toluene	7.320	91	139852	4.959	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	45589	5.132	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	24727	4.939	ug/L	95
47) Tetrachloroethene	7.908	164	24336	5.134	ug/L	97
48) 2-Hexanone	8.082	43	171153	52.257	ug/L	99
49) Dibromochloromethane	8.178	129	26399	5.060	ug/L	98
50) 1,2-Dibromoethane	8.288	107	23342	5.156	ug/L	99
51) Chlorobenzene	8.818	112	90061	5.043	ug/L	99
52) Ethylbenzene	8.950	91	161166	4.971	ug/L	99
53) m,p-Xylene	9.075	106	59667	4.886	ug/L	99
54) o-Xylene	9.480	106	59683	5.057	ug/L	99
55) Styrene	9.500	104	104233	5.120	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	25787	5.087	ug/L	97
59) Bromoform	9.670	173	14541	5.284	ug/L	100
60) Isopropylbenzene	9.869	105	161433	4.986	ug/L	98
61) 1,2,3-Trichloropropane	10.213	75	22024	5.134	ug/L	96
62) 1,3,5-Trimethylbenzene	10.480	105	140894	5.077	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	137840	5.055	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	72640	5.066	ug/L	100
65) 1,4-Dichlorobenzene	11.213	146	74335	5.046	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	66780	5.089	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	4849	4.990	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	53315	5.002	ug/L	100
70) 1,2,4-trichlorobenzene	13.204	180	50098	5.156	ug/L	98
71) Naphthalene	13.445	128	110006	6.010	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	43445	5.310	ug/L	99

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

