

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021924\
 Data File : VW034229.D
 Acq On : 19 Feb 2024 08:52
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005358

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2024
 Supervised By :Mahesh Dadoda 02/22/2024

Quant Time: Feb 20 01:43:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Feb 19 00:41:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	81600	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	73514	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36887	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29113	4.607	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	92.200%		
7) Chloroethane-d5	1.536	69	25300	4.571	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	91.400%		
11) 1,1-Dichloroethene-d2	2.060	65	14209	4.662	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	93.200%		
20) 2-Butanone-d5	3.835	46	38926m	36.675	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery =	73.340%		
24) Chloroform-d	4.249	84	53647	4.672	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.400%		
26) 1,2-Dichloroethane-d4	4.944	65	24832	4.627	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.600%		
32) Benzene-d6	4.960	84	101013	4.580	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.600%		
36) 1,2-Dichloropropane-d6	5.989	67	26238	4.256	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	85.200%		
41) Toluene-d8	7.240	98	93965	4.635	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.800%		
43) trans-1,3-Dichloroprop...	7.555	79	10586	4.547	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	91.000%		
46) 2-Hexanone-d5	8.031	63	30007	36.107	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	72.220%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	14050	3.759	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	75.200%		
66) 1,2-Dichlorobenzene-d4	11.558	152	29861	4.451	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	89.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	31115	4.161	ug/L	98
3) Chloromethane	1.217	50	34628	4.245	ug/L	100
5) Vinyl chloride	1.285	62	35332	4.533	ug/L	90
6) Bromomethane	1.491	94	18007	4.387	ug/L	96
8) Chloroethane	1.552	64	23256	4.374	ug/L	98
9) Trichlorofluoromethane	1.716	101	60944	5.426	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	31982	5.447	ug/L	98
12) 1,1-Dichloroethene	2.069	96	29940	5.252	ug/L	98
13) Acetone	2.156	43	35034m	43.509	ug/L	
14) Carbon disulfide	2.240	76	86930	4.713	ug/L	100
15) Methyl Acetate	2.391	43	9200m	4.828	ug/L	
16) Methylene chloride	2.449	84	28617	5.232	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	54840	4.682	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	29521	5.084	ug/L	98
19) 1,1-Dichloroethane	3.111	63	53019	4.970	ug/L	95
21) 2-Butanone	3.918	43	39810	37.413	ug/L	95
22) cis-1,2-Dichloroethene	3.815	96	30732	4.665	ug/L	95
23) Bromochloromethane	4.150	128	11503	5.023	ug/L	91
25) Chloroform	4.275	83	55677	5.163	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	30783	4.985	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	55098	5.582	ug/L	99
30) Cyclohexane	4.577	56	45444	4.734	ug/L	95
31) Carbon tetrachloride	4.732	117	48565	5.624	ug/L	96
33) Benzene	5.008	78	112702	5.111	ug/L	100
34) Trichloroethene	5.831	95	31158	4.883	ug/L	96
35) Methylcyclohexane	6.047	83	49378	4.930	ug/L	95
37) 1,2-Dichloropropane	6.092	63	23574	4.414	ug/L #	97
38) Bromodichloromethane	6.432	83	35364	5.044	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	38527	4.741	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	106252	41.543	ug/L	99
42) Toluene	7.313	91	123627	5.246	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	29389	4.710	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	15307	4.641	ug/L	96
47) Tetrachloroethene	7.902	164	24993	4.820	ug/L	96
48) 2-Hexanone	8.079	43	73949	41.018	ug/L	98
49) Dibromochloromethane	8.175	129	20416	5.209	ug/L	99
50) 1,2-Dibromoethane	8.281	107	13783	4.656	ug/L #	99
51) Chlorobenzene	8.812	112	77263	5.186	ug/L	96
52) Ethylbenzene	8.944	91	141896	5.231	ug/L	99
53) m,p-Xylene	9.072	106	53488	5.218	ug/L	98
54) o-Xylene	9.477	106	51923	5.253	ug/L	96
55) Styrene	9.493	104	80842	5.108	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	14670	4.214	ug/L #	95
59) Bromoform	9.664	173	10412	5.124	ug/L	98
60) Isopropylbenzene	9.866	105	134561	4.930	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	11331	4.468	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	118925	5.154	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	113949	5.082	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	60566	5.089	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	57853	4.909	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	51663	5.055	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	2314	4.354	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	46427	5.041	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	34491	4.797	ug/L	98
71) Naphthalene	13.439	128	35412	3.759	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	26849	4.661	ug/L	99

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

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