

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022024\
 Data File : VW034257.D
 Acq On : 20 Feb 2024 09:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005360

Manual Integrations
 APPROVED

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

Quant Time: Feb 21 01:35:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 20 01:47:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	79841	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	71837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	25224	4.079	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.536	69	22696	4.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.060	65	12824	4.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.841	46	42819m	41.232	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.460%
24) Chloroform-d	4.249	84	52325	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.944	65	24545	4.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	4.960	84	92798	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	5.989	67	24183	4.014	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.240	98	87357	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.555	79	9158	4.026	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.030	63	30298	37.308	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.620%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	14666	4.015	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	28986	4.253	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	30585	4.180	ug/L	99
3) Chloromethane	1.217	50	34212	4.287	ug/L	99
5) Vinyl chloride	1.285	62	34908	4.577	ug/L	95
6) Bromomethane	1.491	94	15987	3.981	ug/L	99
8) Chloroethane	1.552	64	22566	4.337	ug/L	95
9) Trichlorofluoromethane	1.716	101	62347	5.673	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	32001	5.570	ug/L	98
12) 1,1-Dichloroethene	2.069	96	29790	5.341	ug/L	98
13) Acetone	2.163	43	35789m	45.426	ug/L	
14) Carbon disulfide	2.240	76	87721	4.861	ug/L	98
15) Methyl Acetate	2.394	43	9311m	4.994	ug/L	
16) Methylene chloride	2.449	84	28025	5.237	ug/L	94
17) Methyl tert-butyl Ether	2.706	73	56580	4.937	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	28891	5.086	ug/L	96
19) 1,1-Dichloroethane	3.111	63	53514	5.126	ug/L	98
21) 2-Butanone	3.912	43	46857m	45.005	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	29982	4.652	ug/L	98
23) Bromochloromethane	4.153	128	11279	5.034	ug/L	84
25) Chloroform	4.275	83	54969	5.209	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	31635	5.236	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	54798	5.682	ug/L	98
30) Cyclohexane	4.580	56	44977	4.795	ug/L	94
31) Carbon tetrachloride	4.735	117	49390	5.853	ug/L	99
33) Benzene	5.008	78	113623	5.273	ug/L	100
34) Trichloroethene	5.831	95	30908	4.957	ug/L	98
35) Methylcyclohexane	6.047	83	49275	5.034	ug/L	97
37) 1,2-Dichloropropane	6.092	63	25683	4.921	ug/L #	96
38) Bromodichloromethane	6.432	83	34995	5.108	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	37205	4.685	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	112604	45.055	ug/L	97
42) Toluene	7.313	91	124140	5.391	ug/L	95
44) trans-1,3-Dichloropropene	7.580	75	29575	4.850	ug/L	96
45) 1,1,2-Trichloroethane	7.767	97	15159	4.704	ug/L	95
47) Tetrachloroethene	7.902	164	25249	4.983	ug/L	97
48) 2-Hexanone	8.079	43	76661	43.515	ug/L	95
49) Dibromochloromethane	8.175	129	20063	5.239	ug/L	95
50) 1,2-Dibromoethane	8.281	107	13863	4.792	ug/L #	90
51) Chlorobenzene	8.812	112	77946	5.354	ug/L	99
52) Ethylbenzene	8.944	91	141295	5.330	ug/L	100
53) m,p-Xylene	9.069	106	52964	5.288	ug/L	97
54) o-Xylene	9.477	106	52005	5.384	ug/L	99
55) Styrene	9.493	104	81855	5.293	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	16364	4.811	ug/L	97
59) Bromoform	9.664	173	10038	4.862	ug/L	100
60) Isopropylbenzene	9.863	105	137029	4.941	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	12159	4.719	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	120518	5.141	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	118537	5.204	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	63960	5.290	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	60146	5.023	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	53866	5.187	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	2487	4.606	ug/L	89
69) 1,3,5-Trichlorobenzene	12.580	180	49007	5.237	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	37804	5.175	ug/L	98
71) Naphthalene	13.439	128	45353	4.738	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	30151	5.151	ug/L	98

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

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