

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012924\
 Data File : VW033902.D
 Acq On : 29 Jan 2024 15:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005334

Quant Time: Jan 30 03:44:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 03:43:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/30/2024
 Supervised By :Semsettin Yesilyurt 01/30/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	105142	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	93732	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	47456	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35631	4.376	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	33385	4.681	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.059	65	16917	4.308	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	3.812	46	64329	47.038	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.080%
24) Chloroform-d	4.246	84	70472	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.944	65	31695	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	4.956	84	132786	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	5.985	67	37225	4.735	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.239	98	120224	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	7.554	79	13159	4.433	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.027	63	48259	45.544	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.080%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	22613	4.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	40351	4.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	55218	5.731	ug/L	99
3) Chloromethane	1.214	50	54268	5.163	ug/L	99
5) Vinyl chloride	1.285	62	54241	5.401	ug/L	99
6) Bromomethane	1.487	94	25580	4.837	ug/L	95
8) Chloroethane	1.551	64	35041	5.114	ug/L	98
9) Trichlorofluoromethane	1.715	101	80627	5.571	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	41874	5.535	ug/L	99
12) 1,1-Dichloroethene	2.069	96	39305	5.351	ug/L	96
13) Acetone	2.153	43	51726m	49.855	ug/L	
14) Carbon disulfide	2.240	76	130336	5.484	ug/L	99
15) Methyl Acetate	2.387	43	11767	4.792	ug/L	97
16) Methylene chloride	2.445	84	38576	5.474	ug/L	94
17) Methyl tert-butyl Ether	2.703	73	80630	5.343	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	39871	5.329	ug/L	96
19) 1,1-Dichloroethane	3.111	63	75305	5.478	ug/L	98
21) 2-Butanone	3.899	43	64769	47.240	ug/L #	59
22) cis-1,2-Dichloroethene	3.815	96	42355	4.990	ug/L	97
23) Bromochloromethane	4.143	128	16130	5.466	ug/L	96
25) Chloroform	4.275	83	74485	5.360	ug/L	97

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27) 1,2-Dichloroethane	5.043	62	42289	5.315	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	71520	5.683	ug/L	99
30) Cyclohexane	4.577	56	68861	5.627	ug/L	99
31) Carbon tetrachloride	4.731	117	61747	5.608	ug/L	97
33) Benzene	5.008	78	158693	5.645	ug/L	100
34) Trichloroethene	5.831	95	42160	5.182	ug/L	97
35) Methylcyclohexane	6.046	83	71556	5.603	ug/L	99
37) 1,2-Dichloropropane	6.091	63	38688	5.681	ug/L	99
38) Bromodichloromethane	6.429	83	50357	5.633	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	56881	5.489	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	171314	52.534	ug/L	100
42) Toluene	7.313	91	167773	5.584	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	44453	5.587	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	22546	5.362	ug/L	95
47) Tetrachloroethene	7.902	164	34485	5.216	ug/L	94
48) 2-Hexanone	8.075	43	117208	50.990	ug/L	97
49) Dibromochloromethane	8.175	129	27908	5.585	ug/L	100
50) 1,2-Dibromoethane	8.281	107	21094	5.589	ug/L #	99
51) Chlorobenzene	8.812	112	105672	5.562	ug/L	99
52) Ethylbenzene	8.943	91	193316	5.589	ug/L	99
53) m,p-Xylene	9.072	106	72769	5.568	ug/L	99
54) o-Xylene	9.477	106	70381	5.585	ug/L	100
55) Styrene	9.493	104	113875	5.643	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	23525	5.301	ug/L	97
59) Bromoform	9.667	173	15110	5.780	ug/L	96
60) Isopropylbenzene	9.866	105	194174	5.530	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	17241	5.285	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	164115	5.528	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	163239	5.659	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	84059	5.490	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	82564	5.446	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	72359	5.503	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	4058	5.935	ug/L	86
69) 1,3,5-Trichlorobenzene	12.583	180	64923	5.479	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	47619	5.148	ug/L	99
71) Naphthalene	13.442	128	59404	4.901	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	38310	5.169	ug/L	99

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

