

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012924\
 Data File : VW033897.D
 Acq On : 29 Jan 2024 10:22
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005333

Quant Time: Jan 30 03:40:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 25 21:12:54 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	5.535	114	98445	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	89123	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	45534	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36717	4.816	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.532	69	34951	5.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.056	65	17823	4.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.818	46	70730	55.237	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.480%
24) Chloroform-d	4.249	84	73875	5.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	4.944	65	35471	5.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	4.960	84	138447	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	5.989	67	39960	5.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.243	98	126501	5.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	7.558	79	15084	5.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.027	63	57796	57.365	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.720%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	24721	5.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	44072	5.322	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	46380	5.141	ug/L	99
3) Chloromethane	1.214	50	47442	4.821	ug/L	99
5) Vinyl chloride	1.282	62	47447	5.046	ug/L	99
6) Bromomethane	1.487	94	22019	4.447	ug/L	95
8) Chloroethane	1.548	64	32423	5.054	ug/L	95
9) Trichlorofluoromethane	1.712	101	69706	5.144	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	36468	5.148	ug/L	100
12) 1,1-Dichloroethene	2.069	96	35479	5.159	ug/L	99
13) Acetone	2.150	43	47457m	48.852	ug/L	
14) Carbon disulfide	2.240	76	111106	4.993	ug/L	100
15) Methyl Acetate	2.388	43	11771m	5.120	ug/L	
16) Methylene chloride	2.445	84	32980	4.998	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	73732	5.218	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	34289	4.895	ug/L	93
19) 1,1-Dichloroethane	3.111	63	66558	5.171	ug/L	95
21) 2-Butanone	3.908	43	66132	51.515	ug/L #	55
22) cis-1,2-Dichloroethene	3.815	96	38021	4.784	ug/L	100
23) Bromochloromethane	4.150	128	14611	5.288	ug/L	97
25) Chloroform	4.278	83	67222	5.167	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	38107	5.115	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	63394	5.298	ug/L	100
30) Cyclohexane	4.580	56	59768	5.136	ug/L	99
31) Carbon tetrachloride	4.735	117	55147	5.267	ug/L	100
33) Benzene	5.011	78	142108	5.316	ug/L	100
34) Trichloroethene	5.834	95	38663	4.998	ug/L	96
35) Methylcyclohexane	6.050	83	63184	5.203	ug/L	99
37) 1,2-Dichloropropane	6.095	63	33442	5.165	ug/L	98
38) Bromodichloromethane	6.432	83	44689	5.258	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	51042	5.181	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	165767	53.462	ug/L	100
42) Toluene	7.313	91	151278	5.295	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	40671	5.376	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	21375	5.346	ug/L	96
47) Tetrachloroethene	7.905	164	30422	4.840	ug/L	97
48) 2-Hexanone	8.079	43	117263	53.652	ug/L	98
49) Dibromochloromethane	8.175	129	24603	5.178	ug/L	100
50) 1,2-Dibromoethane	8.284	107	19675	5.482	ug/L	98
51) Chlorobenzene	8.815	112	94668	5.241	ug/L	99
52) Ethylbenzene	8.947	91	171939	5.228	ug/L	100
53) m,p-Xylene	9.072	106	64682	5.205	ug/L	100
54) o-Xylene	9.477	106	62442	5.211	ug/L	98
55) Styrene	9.497	104	103418	5.390	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	23101	5.474	ug/L	98
59) Bromoform	9.667	173	12951	5.163	ug/L	96
60) Isopropylbenzene	9.866	105	175046	5.196	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	16425	5.247	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	148190	5.203	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	146260	5.285	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	76369	5.198	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	75736	5.206	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	67237	5.329	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	3513	5.355	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	58437	5.140	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	45560	5.134	ug/L	99
71) Naphthalene	13.442	128	55752	4.794	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	36745	5.167	ug/L	97

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

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