

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041524\
 Data File : VW035200.D
 Acq On : 15 Apr 2024 15:15
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005387

Quant Time: Apr 16 00:26:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:18:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
 Supervised By :Semsettin Yesilyurt 04/17/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	212738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	208120	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	106155	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	105141	5.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.600%
7) Chloroethane-d5	1.529	69	80831	5.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.053	65	42819	5.067	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	3.818	46	175663m	52.137	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.280%
24) Chloroform-d	4.243	84	157311	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	4.941	65	74456	5.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	4.957	84	309400	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	5.986	67	95078	5.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.239	98	286961	5.404	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
43) trans-1,3-Dichloroprop...	7.555	79	36342	5.538	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.800%
46) 2-Hexanone-d5	8.027	63	154141	56.396	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.800%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	73906	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	96755	5.128	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	107059	5.316	ug/L	100
3) Chloromethane	1.211	50	124946	5.320	ug/L	99
5) Vinyl chloride	1.278	62	124212	5.391	ug/L	100
6) Bromomethane	1.484	94	68428	5.182	ug/L	100
8) Chloroethane	1.545	64	73971	5.214	ug/L	99
9) Trichlorofluoromethane	1.709	101	147124	5.359	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	87399	5.185	ug/L	99
12) 1,1-Dichloroethene	2.066	96	84451	5.229	ug/L	88
13) Acetone	2.150	43	118659m	52.262	ug/L	
14) Carbon disulfide	2.233	76	269489	5.290	ug/L	98
15) Methyl Acetate	2.388	43	27288	4.563	ug/L	99
16) Methylene chloride	2.442	84	116131	5.709	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	195233	5.356	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	85280	5.168	ug/L	99
19) 1,1-Dichloroethane	3.108	63	171451	5.166	ug/L	99
21) 2-Butanone	3.905	43	188776m	50.797	ug/L	
22) cis-1,2-Dichloroethene	3.812	96	89105	5.252	ug/L	98
23) Bromochloromethane	4.146	128	37935	4.944	ug/L	94
25) Chloroform	4.272	83	165433	5.126	ug/L	99

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27) 1,2-Dichloroethane	5.040	62	98828	5.222	ug/L	99
29) 1,1,1-Trichloroethane	4.506	97	136533	5.213	ug/L	99
30) Cyclohexane	4.577	56	140980	5.650	ug/L	97
31) Carbon tetrachloride	4.728	117	117734	5.268	ug/L	100
33) Benzene	5.005	78	352472	5.388	ug/L	100
34) Trichloroethene	5.831	95	91509	5.318	ug/L	97
35) Methylcyclohexane	6.047	83	143903	5.552	ug/L	99
37) 1,2-Dichloropropane	6.092	63	94916	5.486	ug/L	100
38) Bromodichloromethane	6.429	83	113324	5.380	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	127885	5.561	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	512770	56.257	ug/L	99
42) Toluene	7.313	91	370556	5.461	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	106367	5.721	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	65295	5.439	ug/L	98
47) Tetrachloroethene	7.902	164	69628	5.101	ug/L	97
48) 2-Hexanone	8.075	43	373555	55.400	ug/L	98
49) Dibromochloromethane	8.175	129	65788	5.306	ug/L	99
50) 1,2-Dibromoethane	8.281	107	59824	5.307	ug/L	96
51) Chlorobenzene	8.812	112	231864	5.280	ug/L	99
52) Ethylbenzene	8.944	91	389985	5.364	ug/L	100
53) m,p-Xylene	9.072	106	149181	5.570	ug/L	100
54) o-Xylene	9.474	106	138572	5.361	ug/L	97
55) Styrene	9.493	104	244825	5.629	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	78277	5.321	ug/L	99
59) Bromoform	9.664	173	34180	5.405	ug/L	100
60) Isopropylbenzene	9.863	105	380247	5.576	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	56351	5.287	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	304650	5.532	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	308013	5.661	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	185817	5.414	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	183902	5.130	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	171184	5.372	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	11153	5.301	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	138817	5.329	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	116809	5.376	ug/L	99
71) Naphthalene	13.439	128	177705	5.692	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	107558	5.576	ug/L	98

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

