

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041624\
 Data File : VU058703.D
 Acq On : 16 Apr 2024 09:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005083

Quant Time: Apr 17 01:04:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:38:11 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	6.242	114	76736	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	72818	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35843	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	18491	3.640	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.904	69	20972	4.750	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.560	65	8266	3.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.618	46	64734	60.463	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.920%
24) Chloroform-d	5.052	84	49707	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.695	65	25016	5.285	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.721	84	86898	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.682	67	29819	4.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.891	98	69718m	4.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	8597	4.505	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.627	63	45545	57.861	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22117	5.096	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	23892	3.958	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	24621	3.849	ug/L	99
3) Chloromethane	1.515	50	30310	3.872	ug/L	99
5) Vinyl chloride	1.599	62	32257	4.126	ug/L	100
6) Bromomethane	1.849	94	15551	4.205	ug/L	97
8) Chloroethane	1.927	64	21923	4.439	ug/L	98
9) Trichlorofluoromethane	2.132	101	43739	4.237	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	27543	4.490	ug/L	96
12) 1,1-Dichloroethene	2.573	96	22427	4.124	ug/L	94
13) Acetone	2.628	43	41556	45.476	ug/L	99
14) Carbon disulfide	2.785	76	63777	3.692	ug/L	100
15) Methyl Acetate	2.946	43	9887	4.586	ug/L	93
16) Methylene chloride	3.036	84	27785	3.850	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	55407	4.313	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	23874	4.189	ug/L	96
19) 1,1-Dichloroethane	3.859	63	58413	4.695	ug/L	97
21) 2-Butanone	4.698	43	62404	45.689	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	28688	4.482	ug/L	94
23) Bromochloromethane	4.965	128	11418	4.528	ug/L	92
25) Chloroform	5.078	83	57642	4.787	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	34215	4.666	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	45781	4.689	ug/L	97
30) Cyclohexane	5.380	56	42507	4.123	ug/L	98
31) Carbon tetrachloride	5.515	117	38734	4.685	ug/L	99
33) Benzene	5.766	78	118948	4.506	ug/L	100
34) Trichloroethene	6.534	95	29061	4.368	ug/L	97
35) Methylcyclohexane	6.756	83	41032	4.093	ug/L	97
37) 1,2-Dichloropropane	6.782	63	34449	4.960	ug/L	100
38) Bromodichloromethane	7.097	83	39466	4.979	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	40486	4.585	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	157965	48.324	ug/L	98
42) Toluene	7.962	91	124631	4.501	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	33239	4.773	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	19710	4.859	ug/L	98
47) Tetrachloroethene	8.547	164	20624	4.228	ug/L	97
48) 2-Hexanone	8.679	43	115410	49.732	ug/L	98
49) Dibromochloromethane	8.804	129	22018	4.695	ug/L	97
50) 1,2-Dibromoethane	8.920	107	16217	4.372	ug/L	98
51) Chlorobenzene	9.441	112	74611	4.454	ug/L	99
52) Ethylbenzene	9.566	91	131701	4.490	ug/L	100
53) m,p-Xylene	9.688	106	47663	4.538	ug/L	99
54) o-Xylene	10.094	106	46970	4.561	ug/L	99
55) Styrene	10.110	104	76187	4.599	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	23352	4.667	ug/L	98
59) Bromoform	10.283	173	11429	4.773	ug/L	100
60) Isopropylbenzene	10.479	105	120047	4.575	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	16562	4.529	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	94033	4.394	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	96602	4.421	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	57106	4.480	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	55577	4.475	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	50990	4.398	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	3137	5.058	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	39801	4.223	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	28232	3.884	ug/L	98
71) Naphthalene	14.084	128	32561	3.269	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	23372	3.894	ug/L	98

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

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