

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122624\
 Data File : VU062569.D
 Acq On : 26 Dec 2024 10:27
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005086

Quant Time: Dec 27 00:18:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 23:41:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024
 Supervised By :Semsettin Yesilyurt 12/27/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	102345	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	95247	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	51087	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24872	3.603	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.907	69	22130	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.560	65	13776	4.195	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.627	46	61881	46.773	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.540%
24) Chloroform-d	5.052	84	71860	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.692	65	37847	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.717	84	119972	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.679	67	33286	4.241	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.888	98	118648	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.171	79	16699	4.833	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.624	63	59005	56.610	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29231	4.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	45316	4.814	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	43685	4.557	ug/L	98
3) Chloromethane	1.515	50	27794	3.699	ug/L	99
5) Vinyl chloride	1.599	62	32240	4.121	ug/L	99
6) Bromomethane	1.853	94	23876	4.578	ug/L	98
8) Chloroethane	1.930	64	20149	4.598	ug/L	98
9) Trichlorofluoromethane	2.132	101	73009	5.376	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	36719	4.968	ug/L	92
12) 1,1-Dichloroethene	2.573	96	31949	4.623	ug/L	89
13) Acetone	2.640	43	45094	50.060	ug/L	98
14) Carbon disulfide	2.785	76	82286	3.766	ug/L	98
15) Methyl Acetate	2.949	43	11145m	4.937	ug/L	
16) Methylene chloride	3.036	84	32744	4.514	ug/L	87
17) Methyl tert-butyl Ether	3.354	73	89628	5.207	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	32759	4.614	ug/L	87
19) 1,1-Dichloroethane	3.856	63	60134	4.621	ug/L	97
21) 2-Butanone	4.705	43	65401	49.994	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	37813	4.751	ug/L	90
23) Bromochloromethane	4.965	128	17670	5.065	ug/L #	76
25) Chloroform	5.074	83	74243	5.065	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	47874	5.139	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	72647	5.422	ug/L	94
30) Cyclohexane	5.373	56	46006	4.234	ug/L	89
31) Carbon tetrachloride	5.515	117	66011	5.373	ug/L	100
33) Benzene	5.762	78	134886	4.570	ug/L	100
34) Trichloroethene	6.531	95	47603	5.693	ug/L	97
35) Methylcyclohexane	6.753	83	57454	4.635	ug/L	93
37) 1,2-Dichloropropane	6.778	63	32315	4.496	ug/L	99
38) Bromodichloromethane	7.094	83	52502	5.177	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	56473	4.902	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	161004	47.792	ug/L #	91
42) Toluene	7.958	91	155261	4.878	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	48320	5.136	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	27328	5.036	ug/L	96
47) Tetrachloroethene	8.544	164	33007	5.113	ug/L	94
48) 2-Hexanone	8.675	43	113363	45.533	ug/L #	92
49) Dibromochloromethane	8.801	129	35913	5.478	ug/L	92
50) 1,2-Dibromoethane	8.913	107	27399	5.255	ug/L #	96
51) Chlorobenzene	9.438	112	101276	4.966	ug/L	98
52) Ethylbenzene	9.560	91	178290	4.996	ug/L	98
53) m,p-Xylene	9.685	106	67024	5.087	ug/L	95
54) o-Xylene	10.090	106	65246	5.092	ug/L	98
55) Styrene	10.106	104	111155	5.262	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	31338	4.962	ug/L #	97
59) Bromoform	10.280	173	21964	5.471	ug/L	99
60) Isopropylbenzene	10.473	105	188213	5.100	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	23678	5.012	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	162797	5.213	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	158691	5.186	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	87982	5.190	ug/L	98
65) 1,4-Dichlorobenzene	11.826	146	85696	5.020	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	81172	5.181	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	6445	6.255	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	69554	5.519	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	55193	5.547	ug/L	98
71) Naphthalene	14.077	128	82493	5.522	ug/L	99
72) 1,2,3-Trichlorobenzene	14.318	180	47026	5.360	ug/L	99

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

