

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062614.D
 Acq On : 27 Dec 2024 13:49
 Operator : MD/SY
 Sample : MDL01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Quant Time: Dec 27 21:58:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 27 21:56:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/30/2024
 Supervised By :Semsettin Yesilyurt 12/30/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	105566	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97037	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	49647	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	24398	3.426	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.904	69	19995	3.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.557	65	12216	3.606	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.621	46	59870	43.873	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.740%
24) Chloroform-d	5.052	84	64021	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.689	65	37271	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.714	84	114821	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.679	67	32248	4.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.888	98	110749	4.195	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.171	79	16232	4.612	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.624	63	54818	51.622	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27031	4.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	42405	4.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	1658	0.168	ug/L	96
3) Chloromethane	1.515	50	1476	0.190	ug/L	91
5) Vinyl chloride	1.599	62	1702	0.211	ug/L	84
6) Bromomethane	1.853	94	1067	0.198	ug/L	94
8) Chloroethane	1.923	64	814	0.180	ug/L	91
9) Trichlorofluoromethane	2.132	101	3224	0.230	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	1882	0.247	ug/L #	87
12) 1,1-Dichloroethene	2.573	96	1692	0.237	ug/L #	1
14) Carbon disulfide	2.785	76	3706	0.164	ug/L	97
16) Methylene chloride	3.036	84	1847	0.247	ug/L	76
17) Methyl tert-butyl Ether	3.361	73	4316	0.243	ug/L #	63
18) trans-1,2-Dichloroethene	3.351	96	1521	0.208	ug/L	78
19) 1,1-Dichloroethane	3.859	63	2805	0.209	ug/L #	95
22) cis-1,2-Dichloroethene	4.650	96	1514	0.184	ug/L	80
23) Bromochloromethane	4.968	128	858m	0.238	ug/L	
25) Chloroform	5.078	83	3791	0.251	ug/L	91
27) 1,2-Dichloroethane	5.791	62	2385	0.248	ug/L #	75
30) Cyclohexane	5.373	56	2004	0.181	ug/L	91
31) Carbon tetrachloride	5.521	117	2821	0.225	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.772	78	6650	0.221	ug/L	100
34) Trichloroethene	6.541	95	3223	0.378	ug/L	87
35) Methylcyclohexane	6.753	83	2417	0.191	ug/L	87
37) 1,2-Dichloropropane	6.785	63	1498	0.205	ug/L #	87
38) Bromodichloromethane	7.097	83	2337	0.226	ug/L	95
39) cis-1,3-Dichloropropene	7.598	75	2491	0.212	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	7044	2.052	ug/L #	84
42) Toluene	7.965	91	6991	0.216	ug/L	94
44) trans-1,3-Dichloropropene	8.203	75	2990m	0.312	ug/L	
45) 1,1,2-Trichloroethane	8.396	97	1211	0.219	ug/L	95
49) Dibromochloromethane	8.798	129	1722	0.258	ug/L	87
50) 1,2-Dibromoethane	8.913	107	1243	0.234	ug/L #	79
51) Chlorobenzene	9.441	112	4281	0.206	ug/L	91
52) Ethylbenzene	9.563	91	8057	0.222	ug/L	97
53) m,p-Xylene	9.688	106	2922	0.218	ug/L	95
54) o-Xylene	10.097	106	2927	0.224	ug/L	92
55) Styrene	10.116	104	4085	0.190	ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.772	83	1562	0.243	ug/L #	85
59) Bromoform	10.286	173	815	0.209	ug/L #	82
60) Isopropylbenzene	10.476	105	8054	0.225	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	1200	0.261	ug/L #	78
62) 1,3,5-Trimethylbenzene	11.084	105	6328	0.208	ug/L	94
63) 1,2,4-Trimethylbenzene	11.463	105	5974	0.201	ug/L	94
64) 1,3-Dichlorobenzene	11.740	146	3537	0.215	ug/L	92
65) 1,4-Dichlorobenzene	11.830	146	3800	0.229	ug/L	86
67) 1,2-Dichlorobenzene	12.203	146	3761	0.247	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.994	75	75m	0.075	ug/L	
69) 1,3,5-Trichlorobenzene	13.222	180	2733	0.223	ug/L	92
70) 1,2,4-trichlorobenzene	13.849	180	2190	0.226	ug/L	97
71) Naphthalene	14.103	128	3382m	0.233	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	1976	0.232	ug/L #	89

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

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