

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122724\
 Data File : VU062616.D
 Acq On : 27 Dec 2024 14:37
 Operator : MD/SY
 Sample : MDL03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Manual Integrations APPROVED

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

Quant Time: Dec 27 21:59:32 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	108916	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	102115	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25031	3.407	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	68.200%		
7) Chloroethane-d5	1.904	69	21420	4.099	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	82.000%		
11) 1,1-Dichloroethene-d2	2.557	65	13414	3.838	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	76.800%		
20) 2-Butanone-d5	4.618	46	63305	44.963	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	89.920%		
24) Chloroform-d	5.049	84	67253	4.230	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.600%		
26) 1,2-Dichloroethane-d4	5.692	65	38413	4.913	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	98.200%		
32) Benzene-d6	5.714	84	118445	4.027	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	80.600%		
36) 1,2-Dichloropropane-d6	6.679	67	34216	4.066	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	81.400%		
41) Toluene-d8	7.888	98	116166	4.181	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	83.600%		
43) trans-1,3-Dichloroprop...	8.174	79	16759	4.525	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	90.400%		
46) 2-Hexanone-d5	8.624	63	57376	51.344	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	102.680%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28826	4.402	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	88.000%		
66) 1,2-Dichlorobenzene-d4	12.183	152	44520	4.772	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	95.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	2631	0.258	ug/L	93
3) Chloromethane	1.515	50	2109	0.264	ug/L	94
5) Vinyl chloride	1.599	62	2020	0.243	ug/L #	74
6) Bromomethane	1.849	94	1758	0.317	ug/L	72
8) Chloroethane	1.923	64	1317	0.282	ug/L	83
9) Trichlorofluoromethane	2.132	101	4414	0.305	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.566	101	2473	0.314	ug/L	92
12) 1,1-Dichloroethene	2.570	96	2451	0.333	ug/L #	1
14) Carbon disulfide	2.785	76	5271	0.227	ug/L	97
15) Methyl Acetate	2.956	43	654m	0.272	ug/L	
16) Methylene chloride	3.036	84	2409	0.312	ug/L	80
17) Methyl tert-butyl Ether	3.351	73	5857	0.320	ug/L #	92
18) trans-1,2-Dichloroethene	3.348	96	2000	0.265	ug/L	94
19) 1,1-Dichloroethane	3.862	63	3836	0.277	ug/L	97
21) 2-Butanone	4.730	43	4598m	3.303	ug/L	
22) cis-1,2-Dichloroethene	4.653	96	2332	0.275	ug/L	97
23) Bromochloromethane	4.975	128	1111	0.299	ug/L #	68
25) Chloroform	5.078	83	5125	0.329	ug/L	89
27) 1,2-Dichloroethane	5.785	62	2967m	0.299	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.306	97	4495	0.313	ug/L	93
30) Cyclohexane	5.370	56	2753	0.236	ug/L	92
31) Carbon tetrachloride	5.515	117	3707	0.281	ug/L	94
33) Benzene	5.766	78	9106	0.288	ug/L	100
34) Trichloroethene	6.541	95	4357	0.486	ug/L	93
35) Methylcyclohexane	6.750	83	3048	0.229	ug/L	95
37) 1,2-Dichloropropane	6.785	63	2167	0.281	ug/L #	87
38) Bromodichloromethane	7.097	83	3387	0.312	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	3608	0.292	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	10568	2.926	ug/L #	89
42) Toluene	7.965	91	9550	0.280	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	3105	0.308	ug/L	84
45) 1,1,2-Trichloroethane	8.393	97	1793	0.308	ug/L	94
49) Dibromochloromethane	8.801	129	2089	0.297	ug/L	93
50) 1,2-Dibromoethane	8.917	107	1744	0.312	ug/L #	96
51) Chlorobenzene	9.438	112	5979	0.273	ug/L	96
52) Ethylbenzene	9.563	91	10376	0.271	ug/L	98
53) m,p-Xylene	9.688	106	3820	0.270	ug/L	95
54) o-Xylene	10.094	106	3879	0.282	ug/L	88
55) Styrene	10.116	104	5864	0.259	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	1964	0.290	ug/L #	92
59) Bromoform	10.283	173	1244	0.313	ug/L #	89
60) Isopropylbenzene	10.476	105	10114	0.277	ug/L	97
61) 1,2,3-Trichloropropane	10.814	75	1511	0.323	ug/L	95
62) 1,3,5-Trimethylbenzene	11.084	105	8827	0.285	ug/L	95
63) 1,2,4-Trimethylbenzene	11.463	105	7936	0.262	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146	4992	0.297	ug/L	90
65) 1,4-Dichlorobenzene	11.830	146	5067	0.299	ug/L	96
67) 1,2-Dichlorobenzene	12.203	146	4722	0.304	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	12.997	75	222	0.217	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.216	180	3647	0.292	ug/L	99
70) 1,2,4-trichlorobenzene	13.843	180	2977	0.302	ug/L	90
71) Naphthalene	14.100	128	4425m	0.299	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	2512	0.289	ug/L	96

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

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