

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058256.D
 Acq On : 28 Mar 2024 21:47
 Operator : MD/SY
 Sample : P1902-17MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOC5MS

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024
 Supervised By :Semsettin Yesilyurt 03/29/2024

Quant Time: Mar 29 01:15:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	73050	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	34817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	21153	3.427	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	68.600%		
7) Chloroethane-d5	1.907	69	20707	4.109	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	82.200%		
11) 1,1-Dichloroethene-d2	2.560	65	9229	3.601	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	72.000%		
20) 2-Butanone-d5	4.624	46	55335	50.456	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	100.920%		
24) Chloroform-d	5.055	84	48554	4.399	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	88.000%		
26) 1,2-Dichloroethane-d4	5.692	65	22812	4.421	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.400%		
32) Benzene-d6	5.717	84	91365	4.086	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	81.800%		
36) 1,2-Dichloropropane-d6	6.682	67	28744	4.361	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	87.200%		
41) Toluene-d8	7.891	98	77926	3.933	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	78.600%		
43) trans-1,3-Dichloroprop...	8.174	79	9175	4.345	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	86.800%		
46) 2-Hexanone-d5	8.627	63	43011	50.291	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	100.580%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21231	4.945	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	98.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	27129	4.184	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	83.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	11817	3.927	ug/L	98
3) Chloromethane	1.515	50	14339	3.739	ug/L	96
5) Vinyl chloride	1.599	62	19112	4.563	ug/L	98
6) Bromomethane	1.856	94	6790	3.023	ug/L	99
8) Chloroethane	1.930	64	12864	4.658	ug/L	100
9) Trichlorofluoromethane	2.136	101	30394	4.466	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	18980	4.345	ug/L	97
12) 1,1-Dichloroethene	2.576	96	17130	4.677	ug/L	79
13) Acetone	2.644	43	29775	41.950	ug/L	97
14) Carbon disulfide	2.788	76	31138	3.805	ug/L	100
15) Methyl Acetate	2.952	43	6488	4.404	ug/L	97
16) Methylene chloride	3.036	84	20006	3.855	ug/L	98
17) Methyl tert-butyl Ether	3.351	73	43403	4.416	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	19039	4.974	ug/L	98
19) 1,1-Dichloroethane	3.859	63	39277	4.567	ug/L	99
21) 2-Butanone	4.708	43	45391	42.094	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	124665	26.360	ug/L	99
23) Bromochloromethane	4.965	128	8394	4.756	ug/L	98
25) Chloroform	5.078	83	41567	4.609	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058256.D
 Acq On : 28 Mar 2024 21:47
 Operator : MD/SY
 Sample : P1902-17MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOC5MS

Quant Time: Mar 29 01:15:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024
 Supervised By :Semsettin Yesilyurt 03/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	23032	4.498	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	32726	4.597	ug/L	98
30) Cyclohexane	5.380	56	24036	3.866	ug/L	99
31) Carbon tetrachloride	5.518	117	27463	4.532	ug/L	95
33) Benzene	5.766	78	81230	4.492	ug/L	100
34) Trichloroethene	6.534	95	1775861	376.944	ug/L	98
35) Methylcyclohexane	6.756	83	27194	4.139	ug/L	97
37) 1,2-Dichloropropane	6.782	63	22774	4.508	ug/L	99
38) Bromodichloromethane	7.097	83	28745	4.964	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	29245	4.565	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	115867	45.361	ug/L	98
42) Toluene	7.962	91	88692	4.642	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	24210	4.802	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	15139	4.758	ug/L	95
47) Tetrachloroethene	8.547	164	827443	262.216	ug/L	98
48) 2-Hexanone	8.679	43	81163	43.632	ug/L	97
49) Dibromochloromethane	8.801	129	17866m	5.131	ug/L	
50) 1,2-Dibromoethane	8.917	107	12818	4.680	ug/L	93
51) Chlorobenzene	9.441	112	56148	4.561	ug/L	100
52) Ethylbenzene	9.563	91	95285	4.466	ug/L	99
53) m,p-Xylene	9.685	106	34312	4.514	ug/L	98
54) o-Xylene	10.094	106	35198	4.587	ug/L	100
55) Styrene	10.110	104	56216	4.640	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	18648	4.972	ug/L	100
59) Bromoform	10.283	173	8899	4.867	ug/L	93
60) Isopropylbenzene	10.476	105	90715	4.337	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	12973	4.449	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	74356	4.236	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	74695	4.284	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	43801	4.496	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	42529	4.517	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	40709	4.519	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	2264	5.149	ug/L	96
69) 1,3,5-Trichlorobenzene	13.212	180	30725	4.511	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	22379	4.405	ug/L	94
71) Naphthalene	14.084	128	28063	4.056	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	18879	4.538	ug/L	99

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

