

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058257.D
 Acq On : 28 Mar 2024 22:10
 Operator : MD/SY
 Sample : P1902-18MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCOC5MSD

Manual Integrations
 APPROVED

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

Quant Time: Mar 29 01:15:49 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	71222	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	67155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	33591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22601	3.755	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.908	69	21409	4.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.560	65	9410	3.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.628	46	58805	54.996	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.000%
24) Chloroform-d	5.055	84	50355	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.692	65	24007	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.718	84	95846	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	29728	4.624	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.891	98	81659	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.174	79	9563	4.643	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.628	63	44819	53.729	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.460%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	21246	5.073	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	28565	4.567	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	11418	3.892	ug/L	98
3) Chloromethane	1.515	50	13796	3.690	ug/L	98
5) Vinyl chloride	1.599	62	19016	4.657	ug/L	100
6) Bromomethane	1.853	94	7054	3.221	ug/L	96
8) Chloroethane	1.930	64	12245	4.547	ug/L	96
9) Trichlorofluoromethane	2.133	101	28804	4.341	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	18297	4.296	ug/L	98
12) 1,1-Dichloroethene	2.576	96	16327	4.573	ug/L	85
13) Acetone	2.647	43	29723	42.951	ug/L	99
14) Carbon disulfide	2.789	76	30199	3.785	ug/L	98
15) Methyl Acetate	2.956	43	6204m	4.319	ug/L	
16) Methylene chloride	3.036	84	19283	3.811	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	42941	4.481	ug/L	100
18) trans-1,2-Dichloroethene	3.345	96	18558	4.973	ug/L	97
19) 1,1-Dichloroethane	3.859	63	38272	4.565	ug/L	99
21) 2-Butanone	4.708	43	47228	44.921	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	124422	26.984	ug/L	99
23) Bromochloromethane	4.965	128	8251	4.795	ug/L	99
25) Chloroform	5.078	83	40044	4.554	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	22970	4.601	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	31149	4.486	ug/L	97
30) Cyclohexane	5.380	56	23750	3.916	ug/L	98
31) Carbon tetrachloride	5.515	117	26519	4.487	ug/L	98
33) Benzene	5.766	78	79408	4.502	ug/L	100
34) Trichloroethene	6.534	95	1778556	387.050	ug/L	97
35) Methylcyclohexane	6.756	83	27640	4.313	ug/L	96
37) 1,2-Dichloropropane	6.782	63	22563	4.579	ug/L	98
38) Bromodichloromethane	7.097	83	26917	4.766	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	28362	4.539	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	113623	45.606	ug/L	99
42) Toluene	7.962	91	86160	4.623	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	22530	4.582	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	14507	4.674	ug/L	98
47) Tetrachloroethene	8.547	164	755950	245.610	ug/L	98
48) 2-Hexanone	8.679	43	81579	44.963	ug/L	97
49) Dibromochloromethane	8.801	129	17353m	5.110	ug/L	
50) 1,2-Dibromoethane	8.917	107	12494	4.677	ug/L #	93
51) Chlorobenzene	9.441	112	54354	4.527	ug/L	97
52) Ethylbenzene	9.563	91	93835	4.509	ug/L	97
53) m,p-Xylene	9.685	106	34680	4.677	ug/L	92
54) o-Xylene	10.094	106	33514	4.478	ug/L	99
55) Styrene	10.107	104	55990	4.738	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	18510	5.060	ug/L	98
59) Bromoform	10.283	173	8906	5.048	ug/L	94
60) Isopropylbenzene	10.476	105	88675	4.394	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	12313	4.377	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	72542	4.283	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	73269	4.356	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	43015	4.577	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	41818	4.604	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	39918	4.593	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.991	75	2425	5.717	ug/L	95
69) 1,3,5-Trichlorobenzene	13.213	180	30973	4.713	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	24086	4.914	ug/L	97
71) Naphthalene	14.081	128	33548	5.026	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	21073	5.250	ug/L	98

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

Manual Integrations

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