

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042224\
 Data File : VU058764.D
 Acq On : 22 Apr 2024 12:01
 Operator : MD/SY
 Sample : VSTD00157
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001057

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/24/2024
 Supervised By :Semsettin Yesilyurt 04/24/2024

Quant Time: Apr 22 23:38:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 22 23:37:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	94035	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	90887	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	40272	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	7761	1.184	ug/L	0.00
7) Chloroethane-d5	1.907	69	5616	1.019	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	3679	1.207	ug/L	0.00
20) 2-Butanone-d5	4.644	46	11522	8.608	ug/L	0.02
24) Chloroform-d	5.052	84	15149	1.149	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	7339	1.174	ug/L	0.00
32) Benzene-d6	5.721	84	27833	1.076	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	8484	1.059	ug/L	0.00
41) Toluene-d8	7.894	98	24775	1.074	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	2894	1.117	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	7565	7.587	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	5128	0.920	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	7032	1.002	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.377	85	8916	1.053	ug/L	98
3) Chloromethane	1.512	50	7228	0.766	ug/L	98
5) Vinyl chloride	1.595	62	7088	0.752	ug/L	98
6) Bromomethane	1.849	94	4042	0.863	ug/L	99
8) Chloroethane	1.927	64	3939	0.671	ug/L	100
9) Trichlorofluoromethane	2.132	101	11352	0.884	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	6664	0.869	ug/L	100
12) 1,1-Dichloroethene	2.573	96	5861	0.862	ug/L	86
13) Acetone	2.653	43	7152	6.495	ug/L	99
14) Carbon disulfide	2.785	76	20288	0.921	ug/L	95
15) Methyl Acetate	2.956	43	1619	0.626	ug/L #	88
16) Methylene chloride	3.036	84	6335	0.726	ug/L	94
17) Methyl tert-butyl Ether	3.354	73	12583	0.788	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	5666	0.801	ug/L	89
19) 1,1-Dichloroethane	3.859	63	12431	0.807	ug/L	97
21) 2-Butanone	4.727	43	11614m	7.051	ug/L	
22) cis-1,2-Dichloroethene	4.656	96	6327	0.802	ug/L	98
23) Bromochloromethane	4.968	128	2605	0.837	ug/L	90
25) Chloroform	5.078	83	13496	0.897	ug/L	92
27) 1,2-Dichloroethane	5.791	62	7686	0.842	ug/L	99
29) 1,1,1-Trichloroethane	5.306	97	11248	0.885	ug/L	98
30) Cyclohexane	5.383	56	10260	0.782	ug/L	97
31) Carbon tetrachloride	5.518	117	9914	0.914	ug/L	99
33) Benzene	5.769	78	25419	0.764	ug/L	100
34) Trichloroethene	6.537	95	7136	0.839	ug/L	97
35) Methylcyclohexane	6.756	83	10487	0.821	ug/L	97
37) 1,2-Dichloropropane	6.788	63	6889	0.793	ug/L #	91
38) Bromodichloromethane	7.100	83	8274	0.818	ug/L #	99
39) cis-1,3-Dichloropropene	7.602	75	8799	0.776	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	27775	6.837	ug/L	99
42) Toluene	7.965	91	26095	0.748	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	6789	0.765	ug/L	92

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

45) 1,1,2-Trichloroethane	8.396	97	3586	0.703	ug/L	85
47) Tetrachloroethene	8.550	164	5230	0.844	ug/L	93
48) 2-Hexanone	8.685	43	20055m	6.981	ug/L	
49) Dibromochloromethane	8.804	129	4647	0.787	ug/L	98
50) 1,2-Dibromoethane	8.923	107	3543	0.759	ug/L #	93
51) Chlorobenzene	9.441	112	16394	0.779	ug/L	94
52) Ethylbenzene	9.566	91	28117	0.756	ug/L	99
53) m,p-Xylene	9.692	106	10236	0.769	ug/L	78
54) o-Xylene	10.094	106	9643	0.744	ug/L	90
55) Styrene	10.113	104	14627	0.696	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	4631	0.746	ug/L #	99
59) Bromoform	10.286	173	2397	0.883	ug/L #	92
60) Isopropylbenzene	10.479	105	26057	0.864	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	3160	0.781	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	21300	0.864	ug/L	95
63) 1,2,4-Trimethylbenzene	11.463	105	18674	0.750	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	11523	0.802	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	11401	0.813	ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	10224	0.789	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.997	75	541	0.759	ug/L	94
69) 1,3,5-Trichlorobenzene	13.216	180	7852	0.742	ug/L	95
70) 1,2,4-trichlorobenzene	13.839	180	5031	0.620	ug/L	96
71) Naphthalene	14.097	128	5436m	0.494	ug/L	
72) 1,2,3-Trichlorobenzene	14.325	180	4046	0.607	ug/L	98

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

