

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060774.D
 Acq On : 16 Sep 2024 11:14
 Operator : MD/SY
 Sample : VSTD00119
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001019

Quant Time: Sep 17 01:10:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:09:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/18/2024
 Supervised By :Semsettin Yesilyurt 09/18/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	155936	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	162610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	74817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	14081	1.227	ug/L	0.00
7) Chloroethane-d5	1.911	69	9655	0.926	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	4693	1.013	ug/L	0.00
20) 2-Butanone-d5	4.656	46	20107m	8.917	ug/L	0.02
24) Chloroform-d	5.058	84	20438	0.922	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	10694	1.002	ug/L	0.00
32) Benzene-d6	5.724	84	40308	0.906	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	12300	0.891	ug/L	0.00
41) Toluene-d8	7.894	98	34302	0.825	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	3767	0.845	ug/L	0.00
46) 2-Hexanone-d5	8.637	63	14974m	8.232	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	9949	0.879	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	11014	0.833	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	11919	0.911	ug/L	96
3) Chloromethane	1.518	50	12596	0.912	ug/L	95
5) Vinyl chloride	1.602	62	13140	0.857	ug/L	95
6) Bromomethane	1.856	94	8674	0.817	ug/L	98
8) Chloroethane	1.933	64	8579	0.933	ug/L	94
9) Trichlorofluoromethane	2.136	101	18544	0.982	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	10757	0.905	ug/L	96
12) 1,1-Dichloroethene	2.576	96	9652	0.886	ug/L	94
13) Acetone	2.656	43	14995m	10.137	ug/L	
14) Carbon disulfide	2.792	76	26442	0.752	ug/L	99
15) Methyl Acetate	2.981	43	3654m	0.977	ug/L	
16) Methylene chloride	3.039	84	11638	0.898	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	20090	0.848	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	9916	0.885	ug/L	97
19) 1,1-Dichloroethane	3.859	63	19549	0.926	ug/L	92
21) 2-Butanone	4.743	43	23706m	10.140	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	10986	0.883	ug/L	89
23) Bromochloromethane	4.968	128	5153	0.904	ug/L	96
25) Chloroform	5.084	83	21221	0.958	ug/L	93
27) 1,2-Dichloroethane	5.791	62	11875	0.893	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	16763	0.900	ug/L	97
30) Cyclohexane	5.380	56	12058	0.748	ug/L	97
31) Carbon tetrachloride	5.515	117	14707	0.929	ug/L	99
33) Benzene	5.769	78	40866	0.840	ug/L	100
34) Trichloroethene	6.537	95	11069	0.843	ug/L	95
35) Methylcyclohexane	6.753	83	13340	0.722	ug/L	97
37) 1,2-Dichloropropane	6.785	63	11367	0.895	ug/L	100
38) Bromodichloromethane	7.100	83	14569	0.923	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	14369m	0.833	ug/L	
40) 4-Methyl-2-pentanone	7.788	43	49243	8.327	ug/L	95
42) Toluene	7.965	91	40225	0.780	ug/L	95
44) trans-1,3-Dichloropropene	8.209	75	11970	0.858	ug/L	97

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

45) 1,1,2-Trichloroethane	8.396	97	8796	0.948	ug/L	93
47) Tetrachloroethene	8.547	164	9295	0.914	ug/L	96
48) 2-Hexanone	8.685	43	37349m	8.819	ug/L	
49) Dibromochloromethane	8.804	129	9702	0.933	ug/L	99
50) 1,2-Dibromoethane	8.920	107	7052	0.820	ug/L #	96
51) Chlorobenzene	9.444	112	29021	0.885	ug/L	95
52) Ethylbenzene	9.563	91	41320	0.783	ug/L	96
53) m,p-Xylene	9.688	106	14616	0.720	ug/L	97
54) o-Xylene	10.097	106	15356	0.794	ug/L	95
55) Styrene	10.113	104	23954m	0.732	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.775	83	10670	0.937	ug/L #	95
59) Bromoform	10.290	173	5460	0.961	ug/L	99
60) Isopropylbenzene	10.476	105	38697	0.846	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	6993	1.026	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	28523	0.792	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	26100	0.753	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	21245	0.908	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	22354	0.934	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	20178	0.919	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	1316	0.976	ug/L #	60
69) 1,3,5-Trichlorobenzene	13.216	180	15245	0.881	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	8853	0.678	ug/L	99
71) Naphthalene	14.090	128	10680m	0.580	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	8025	0.666	ug/L	92

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

