

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060775.D
 Acq On : 16 Sep 2024 11:39
 Operator : MD/SY
 Sample : VSTD00520
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005020

Manual Integrations
 APPROVED

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

Quant Time: Sep 17 01:11:04 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	166043	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	172257	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89302	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	75852	6.206	ug/L	0.00
7) Chloroethane-d5	1.910	69	55669	5.012	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	27379	5.552	ug/L	0.00
20) 2-Butanone-d5	4.634	46	122538	51.034	ug/L	0.00
24) Chloroform-d	5.055	84	117986	4.996	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	55677	4.901	ug/L	0.00
32) Benzene-d6	5.721	84	236728	5.025	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	74622	5.104	ug/L	0.00
41) Toluene-d8	7.891	98	227208	5.157	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	27642	5.854	ug/L	0.00
46) 2-Hexanone-d5	8.627	63	102565	53.231	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	57988	4.838	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	74287	4.708	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	65015	4.669	ug/L	100
3) Chloromethane	1.518	50	65993	4.486	ug/L	100
5) Vinyl chloride	1.602	62	73428	4.500	ug/L	100
6) Bromomethane	1.856	94	46527	4.117	ug/L	100
8) Chloroethane	1.933	64	43697	4.465	ug/L	100
9) Trichlorofluoromethane	2.136	101	98951	4.922	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	59597	4.707	ug/L	100
12) 1,1-Dichloroethene	2.576	96	52940	4.566	ug/L	100
13) Acetone	2.656	43	80420m	51.055	ug/L	
14) Carbon disulfide	2.788	76	149797	4.003	ug/L	100
15) Methyl Acetate	2.959	43	19510	4.899	ug/L	100
16) Methylene chloride	3.039	84	62560	4.532	ug/L	100
17) Methyl tert-butyl Ether	3.357	73	119853	4.749	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	54079	4.534	ug/L	100
19) 1,1-Dichloroethane	3.859	63	111763	4.972	ug/L	100
21) 2-Butanone	4.714	43	125817	50.541	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	62484	4.714	ug/L	100
23) Bromochloromethane	4.965	128	29469	4.856	ug/L	100
25) Chloroform	5.078	83	114992	4.877	ug/L	100
27) 1,2-Dichloroethane	5.788	62	68029	4.806	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	94927	4.810	ug/L	100
30) Cyclohexane	5.383	56	78270	4.581	ug/L	100
31) Carbon tetrachloride	5.515	117	85597	5.104	ug/L	100
33) Benzene	5.766	78	250486	4.859	ug/L	100
34) Trichloroethene	6.537	95	64733	4.652	ug/L	100
35) Methylcyclohexane	6.756	83	86355	4.414	ug/L	100
37) 1,2-Dichloropropane	6.782	63	67948	5.051	ug/L	100
38) Bromodichloromethane	7.097	83	82004	4.903	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	89166	4.880	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	318801	50.893	ug/L	100
42) Toluene	7.962	91	273943	5.013	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	73897	5.002	ug/L	100

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

45) 1,1,2-Trichloroethane	8.393	97	47111	4.794	ug/L	100
47) Tetrachloroethene	8.547	164	50266	4.665	ug/L	100
48) 2-Hexanone	8.679	43	236414	52.697	ug/L	100
49) Dibromochloromethane	8.801	129	54892	4.982	ug/L	100
50) 1,2-Dibromoethane	8.917	107	44080	4.839	ug/L	100
51) Chlorobenzene	9.441	112	171688	4.945	ug/L	100
52) Ethylbenzene	9.563	91	271707	4.860	ug/L	100
53) m,p-Xylene	9.688	106	106719	4.961	ug/L	100
54) o-Xylene	10.093	106	103133	5.034	ug/L	100
55) Styrene	10.106	104	175925	5.078	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	59055	4.897	ug/L	100
59) Bromoform	10.283	173	32766	4.833	ug/L	100
60) Isopropylbenzene	10.476	105	273035	5.003	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	39200	4.820	ug/L	100
62) 1,3,5-Trimethylbenzene	11.080	105	207336	4.826	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	210849	5.099	ug/L	100
64) 1,3-Dichlorobenzene	11.736	146	137738	4.932	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	136025	4.760	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	128662	4.908	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	8162	5.073	ug/L	100
69) 1,3,5-Trichlorobenzene	13.212	180	99450	4.815	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	68079	4.366	ug/L	100
71) Naphthalene	14.080	128	85744m	3.899	ug/L	
72) 1,2,3-Trichlorobenzene	14.322	180	60611	4.215	ug/L	100

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

