

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011822\
 Data File : VU046774.D
 Acq On : 18 Jan 2022 10:49
 Operator : SY/MD
 Sample : VSTD0.545
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5045

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jan 19 06:00:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 19 05:54:53 2022
 Response via : Initial Calibration

01/19/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	126721	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	130682	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	72849	5.000	ug/L	0.00

01/19/2022

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	4668	0.463	ug/L	0.00
7) Chloroethane-d5	1.919	69	3849	0.480	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	1875	0.441	ug/L	0.00
20) 2-Butanone-d5	4.662	46	13982m	4.618	ug/L	0.00
24) Chloroform-d	5.070	84	8813	0.481	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	4524	0.434	ug/L	0.00
32) Benzene-d6	5.729	84	16745	0.460	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	4961	0.453	ug/L	0.00
41) Toluene-d8	7.903	98	15037	0.453	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	2093	0.416	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	10906	3.645	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	4911	0.432	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	6202	0.464	ug/L	0.00

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.385	85	5046	0.281	ug/L	94
3) Chloromethane	1.523	50	4427	0.289	ug/L	94
5) Vinyl chloride	1.607	62	4183	0.275	ug/L	98
6) Bromomethane	1.864	94	2794	0.302	ug/L	97
8) Chloroethane	1.938	64	2422	0.273	ug/L	83
9) Trichlorofluoromethane	2.144	101	5258	0.266	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	3124	0.304	ug/L	95
12) 1,1-Dichloroethene	2.588	96	2827	0.272	ug/L	89
14) Carbon disulfide	2.800	76	10822	0.320	ug/L	99
15) Methyl Acetate	2.977	43	1477	0.295	ug/L #	69
17) Methyl tert-butyl Ether	3.363	73	7814	0.263	ug/L	100
18) trans-1,2-Dichloroethene	3.363	96	3271	0.297	ug/L	84
19) 1,1-Dichloroethane	3.877	63	5058	0.252	ug/L	95
21) 2-Butanone	4.745	43	9022	2.363	ug/L #	70
22) cis-1,2-Dichloroethene	4.671	96	3486	0.289	ug/L	86
23) Bromochloromethane	4.983	128	1616	0.271	ug/L #	80
25) Chloroform	5.092	83	26649	1.184	ug/L	94
27) 1,2-Dichloroethane	5.800	62	3554	0.232	ug/L #	94
29) 1,1,1-Trichloroethane	5.321	97	4985	0.256	ug/L	96
30) Cyclohexane	5.395	56	4591	0.278	ug/L	94
31) Carbon tetrachloride	5.530	117	3974	0.243	ug/L	90
33) Benzene	5.781	78	12632	0.268	ug/L	100
34) Trichloroethene	6.546	95	3351	0.269	ug/L	87
35) Methylcyclohexane	6.764	83	5051	0.281	ug/L	99
37) 1,2-Dichloropropane	6.797	63	3197	0.269	ug/L #	88
38) Bromodichloromethane	7.108	83	5963	0.360	ug/L #	99
39) cis-1,3-Dichloropropene	7.610	75	4553	0.250	ug/L	94
40) 4-Methyl-2-pentanone	7.797	43	21267	2.372	ug/L	96
42) Toluene	7.973	91	13981	0.287	ug/L	99
44) trans-1,3-Dichloropropene	8.215	75	4092	0.244	ug/L	86
45) 1,1,2-Trichloroethane	8.404	97	2677	0.259	ug/L	91
47) Tetrachloroethene	8.555	164	2700	0.298	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
49) Dibromochloromethane	8.813	129	3254	0.273	ug/L	91	01/19/2022
50) 1,2-Dibromoethane	8.925	107	2617	0.260	ug/L #	91	
51) Chlorobenzene	9.449	112	9198	0.292	ug/L	92	
52) Ethylbenzene	9.575	91	13663	0.268	ug/L	98	
53) m,p-Xylene	9.697	106	5853	0.298	ug/L	92	
54) o-Xylene	10.102	106	5085	0.272	ug/L	96	
55) Styrene	10.118	104	7926	0.246	ug/L	96	
57) 1,1,2,2-Tetrachloroethane	10.784	83	3535	0.259	ug/L	92	
59) Bromoform	10.295	173	1774	0.236	ug/L #	94	
60) Isopropylbenzene	10.488	105	13289	0.261	ug/L	99	
61) 1,2,3-Trichloropropane	10.825	75	2738	0.254	ug/L	97	
62) 1,3,5-Trimethylbenzene	11.089	105	10740	0.255	ug/L	99	
63) 1,2,4-Trimethylbenzene	11.472	105	10543	0.248	ug/L	100	
64) 1,3-Dichlorobenzene	11.748	146	7439	0.298	ug/L	99	
65) 1,4-Dichlorobenzene	11.838	146	7652	0.299	ug/L	98	
67) 1,2-Dichlorobenzene	12.214	146	7366	0.295	ug/L	95	
68) 1,2-Dibromo-3-chloropr...	12.999	75	534	0.216	ug/L #	76	
69) 1,3,5-Trichlorobenzene	13.221	180	5941	0.312	ug/L	98	
70) 1,2,4-trichlorobenzene	13.845	180	5205	0.321	ug/L	97	
71) Naphthalene	14.089	128	11994	0.343	ug/L	99	
72) 1,2,3-Trichlorobenzene	14.333	180	5052	0.319	ug/L	96	

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

