

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
 Data File : VV028063.D
 Acq On : 22 Sep 2022 16:06
 Operator : SY/MD
 Sample : VSTD0.546
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5246

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/23/2022
 Supervised By :Mahesh Dadoda 09/26/2022

Quant Time: Sep 23 03:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 03:53:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	186296	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	176991	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	7880	0.492	ug/L	0.00
7) Chloroethane-d5	1.561	69	6209	0.452	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	14293	0.540	ug/L	0.00
20) 2-Butanone-d5	3.934	46	10743m	4.088	ug/L	0.05
24) Chloroform-d	4.339	84	12385	0.468	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	5816	0.510	ug/L	0.01
32) Benzene-d6	5.050	84	22822	0.493	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	7946m	0.527	ug/L	0.00
41) Toluene-d8	7.313	98	19502	0.465	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	2334	0.456	ug/L	0.01
46) 2-Hexanone-d5	8.098	63	7935	3.616	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	4526	0.380	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	7597	0.517	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	6284	0.449	ug/L	94
3) Chloromethane	1.236	50	15433	0.946	ug/L	96
5) Vinyl chloride	1.304	62	6448	0.399	ug/L	92
6) Bromomethane	1.516	94	4411	0.403	ug/L	89
8) Chloroethane	1.577	64	4469	0.411	ug/L	95
9) Trichlorofluoromethane	1.744	101	9789	0.401	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	5890	0.392	ug/L	94
12) 1,1-Dichloroethene	2.108	96	5623	0.421	ug/L	88
13) Acetone	2.178	43	19613	9.809	ug/L	100
14) Carbon disulfide	2.285	76	11409	0.425	ug/L	99
15) Methyl Acetate	2.436	43	2069m	0.479	ug/L	
16) Methylene chloride	2.497	84	8103	0.547	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	10863	0.431	ug/L	92
18) trans-1,2-Dichloroethene	2.754	96	4865	0.391	ug/L	98
19) 1,1-Dichloroethane	3.182	63	10644	0.438	ug/L	98
21) 2-Butanone	3.998	43	17308m	7.083	ug/L	
22) cis-1,2-Dichloroethene	3.902	96	5247	0.374	ug/L	100
23) Bromochloromethane	4.239	128	2770	0.441	ug/L #	80
25) Chloroform	4.371	83	11536	0.432	ug/L	93
27) 1,2-Dichloroethane	5.133	62	5830	0.450	ug/L #	83
29) 1,1,1-Trichloroethane	4.600	97	9881	0.489	ug/L	99
30) Cyclohexane	4.667	56	6556	0.448	ug/L	88
31) Carbon tetrachloride	4.821	117	7639	0.429	ug/L	94
33) Benzene	5.095	78	20816	0.425	ug/L	100
34) Trichloroethene	5.918	95	5386	0.442	ug/L	89
35) Methylcyclohexane	6.120	83	7078	0.411	ug/L	97
37) 1,2-Dichloropropane	6.175	63	6576	0.498	ug/L #	92
38) Bromodichloromethane	6.506	83	7497	0.441	ug/L #	97
39) cis-1,3-Dichloropropene	7.030	75	7198	0.435	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	21520	3.751	ug/L	97
42) Toluene	7.387	91	21121	0.406	ug/L	98
44) trans-1,3-Dichloropropene	7.661	75	5273	0.380	ug/L	94

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

45) 1,1,2-Trichloroethane	7.837	97	3709	0.389	ug/L	92
47) Tetrachloroethene	7.972	164	4328	0.408	ug/L	91
48) 2-Hexanone	8.146	43	18321m	4.457	ug/L	
49) Dibromochloromethane	8.243	129	4792	0.414	ug/L	96
50) 1,2-Dibromoethane	8.352	107	3282	0.394	ug/L #	99
51) Chlorobenzene	8.879	112	15300	0.425	ug/L	97
52) Ethylbenzene	9.011	91	21494	0.398	ug/L	98
53) m,p-Xylene	9.136	106	8168	0.391	ug/L	88
54) o-Xylene	9.542	106	8195	0.393	ug/L	97
55) Styrene	9.561	104	12575	0.347	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	3814	0.319	ug/L #	94
59) Bromoform	9.734	173	2449	0.420	ug/L	95
60) Isopropylbenzene	9.931	105	20642	0.412	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	2939	0.436	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	6309	0.465	ug/L	95
63) 1,2,4-Trimethylbenzene	10.914	105	15839	0.403	ug/L	95
64) 1,3-Dichlorobenzene	11.181	146	11039	0.412	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	11904	0.443	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	783	0.518	ug/L #	65
69) 1,3,5-Trichlorobenzene	12.644	180	9087	0.426	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	7623	0.450	ug/L	97
71) Naphthalene	13.503	128	12966	0.515	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.744	180	6672	0.442	ug/L	97

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

