

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012622\
 Data File : VX026575.D
 Acq On : 25 Jan 2022 18:28
 Operator : JC/MD
 Sample : VSTD0.524
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.5624

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 26 01:15:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 26 01:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	52793	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	52054	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	27625	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	1637	0.816	ug/L	0.00
7) Chloroethane-d5	1.672	69	1351	0.759	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	3730	0.585	ug/L	0.00
20) 2-Butanone-d5	4.483	46	4172	6.280	ug/L	0.00
24) Chloroform-d	5.062	84	3662	0.475	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	2097	0.497	ug/L	0.00
32) Benzene-d6	5.983	84	7345	0.554	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	2253	0.541	ug/L	0.00
41) Toluene-d8	8.653	98	7176	0.549	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	534	0.304	ug/L	0.00
46) 2-Hexanone-d5	9.391	63	2924	4.293	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	1481	0.486	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	2438	0.503	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	2568	0.430	ug/L	98
3) Chloromethane	1.294	50	1849	0.732	ug/L	96
5) Vinyl chloride	1.374	62	1890	0.649	ug/L	97
6) Bromomethane	1.618	94	1078	0.514	ug/L	99
8) Chloroethane	1.697	64	1257	0.714	ug/L	93
9) Trichlorofluoromethane	1.892	101	2594	0.351	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	1497	0.373	ug/L	94
12) 1,1-Dichloroethene	2.325	96	1661	0.497	ug/L	88
13) Acetone	2.416	43	2585	5.665	ug/L	91
14) Carbon disulfide	2.514	76	5329	0.567	ug/L	97
15) Methyl Acetate	2.715	43	646	0.604	ug/L #	56
16) Methylene chloride	2.794	84	1899	0.506	ug/L #	77
17) Methyl tert-butyl Ether	3.117	73	3500	0.385	ug/L	97
18) trans-1,2-Dichloroethene	3.093	96	1755	0.457	ug/L	97
19) 1,1-Dichloroethane	3.611	63	3097	0.464	ug/L #	93
21) 2-Butanone	4.587	43	3915	5.676	ug/L	75
22) cis-1,2-Dichloroethene	4.501	96	1934	0.474	ug/L	88
23) Bromochloromethane	4.910	128	714	0.389	ug/L #	78
25) Chloroform	5.105	83	4494	0.532	ug/L	98
27) 1,2-Dichloroethane	6.098	62	1834	0.358	ug/L #	73
29) 1,1,1-Trichloroethane	5.397	97	2608	0.309	ug/L #	93
30) Cyclohexane	5.477	56	2704	0.461	ug/L	88
31) Carbon tetrachloride	5.690	117	2164	0.295	ug/L	95
33) Benzene	6.044	78	6552	0.427	ug/L	100
34) Trichloroethene	7.135	95	1932	0.399	ug/L	88
35) Methylcyclohexane	7.379	83	2572	0.372	ug/L	89
37) 1,2-Dichloropropane	7.434	63	1597	0.423	ug/L #	87
38) Bromodichloromethane	7.824	83	2199	0.372	ug/L #	86
39) cis-1,3-Dichloropropene	8.372	75	1831	0.305	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	8334	4.708	ug/L #	84
42) Toluene	8.720	91	7185	0.408	ug/L	95
44) trans-1,3-Dichloropropene	8.982	75	1306	0.244	ug/L #	81

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45) 1,1,2-Trichloroethane	9.153	97	1077	0.366	ug/L	94
47) Tetrachloroethene	9.275	164	1345	0.388	ug/L	88
48) 2-Hexanone	9.433	43	6020	4.677	ug/L #	82
49) Dibromochloromethane	9.525	129	1241	0.333	ug/L	88
50) 1,2-Dibromoethane	9.616	107	962	0.336	ug/L #	95
51) Chlorobenzene	10.079	112	4762	0.426	ug/L	94
52) Ethylbenzene	10.195	91	7349	0.358	ug/L	99
53) m,p-xylene	10.305	106	2916	0.395	ug/L	84
54) o-xylene	10.646	106	2744	0.380	ug/L	84
55) Styrene	10.659	104	4262	0.354	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	1059	0.317	ug/L #	90
59) Bromoform	10.805	173	556	0.306	ug/L #	97
60) Isopropylbenzene	10.963	105	7115	0.337	ug/L	96
61) 1,2,3-Trichloropropane	11.244	75	914	0.353	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	5508m	0.300	ug/L	
63) 1,2,4-Trimethylbenzene	11.756	105	5603	0.297	ug/L	94
64) 1,3-Dichlorobenzene	11.969	146	3061	0.342	ug/L	91
65) 1,4-Dichlorobenzene	12.042	146	3556	0.399	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	3111	0.379	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	163	0.270	ug/L	88
69) 1,3,5-Trichlorobenzene	13.115	180	2278	0.335	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	2024	0.378	ug/L	92
71) Naphthalene	13.780	128	3526	0.365	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	1901	0.396	ug/L	98

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

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