

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102221\
 Data File : VX024864.D
 Acq On : 22 Oct 2021 11:48
 Operator : JC/MD
 Sample : VSTD02022
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD020622

Quant Time: Oct 23 03:05:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 03:02:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	91991	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	87886	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	45866	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	53156	7.839	ug/L	0.00
7) Chloroethane-d5	1.672	69	49562	7.170	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	190668	14.132	ug/L	0.00
20) 2-Butanone-d5	4.477	46	207750	135.331	ug/L	0.00
24) Chloroform-d	5.062	84	267880	18.640	ug/L	-0.01
26) 1,2-Dichloroethane-d4	5.958	65	131899	17.008	ug/L	0.00
32) Benzene-d6	5.983	84	406943	16.252	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	125842	15.620	ug/L	0.00
41) Toluene-d8	8.653	98	411702	17.925	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	61207	19.918	ug/L	0.00
46) 2-Hexanone-d5	9.391	63	232836	186.069	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	103684	19.886	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	154705	19.321	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	190732	18.301	ug/L	95
3) Chloromethane	1.288	50	62407	6.728	ug/L	98
5) Vinyl chloride	1.374	62	81578	7.824	ug/L	98
6) Bromomethane	1.618	94	61118	9.218	ug/L	92
8) Chloroethane	1.691	64	44901	5.813	ug/L	98
9) Trichlorofluoromethane	1.892	101	239384	12.687	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	125240	16.884	ug/L	97
12) 1,1-Dichloroethene	2.319	96	101685	16.292	ug/L #	71
13) Acetone	2.410	43	127856	108.280	ug/L	98
14) Carbon disulfide	2.514	76	280902	15.611	ug/L	99
15) Methyl Acetate	2.715	43	28884	9.608	ug/L	97
16) Methylene chloride	2.794	84	108594	13.250	ug/L	92
17) Methyl tert-butyl Ether	3.117	73	300240	17.565	ug/L	98
18) trans-1,2-Dichloroethene	3.099	96	113186	16.522	ug/L	97
19) 1,1-Dichloroethane	3.611	63	209197	15.243	ug/L	99
21) 2-Butanone	4.580	43	203593	121.082	ug/L	95
22) cis-1,2-Dichloroethene	4.489	96	127080	17.922	ug/L	94
23) Bromochloromethane	4.904	128	52640	15.493	ug/L	95
25) Chloroform	5.099	83	266972	17.340	ug/L	94
27) 1,2-Dichloroethane	6.098	62	158226	16.392	ug/L #	92
29) 1,1,1-Trichloroethane	5.391	97	271750	18.332	ug/L	98
30) Cyclohexane	5.483	56	167484	13.362	ug/L	99
31) Carbon tetrachloride	5.684	117	237989	17.494	ug/L	100
33) Benzene	6.050	78	460268	15.428	ug/L	100
34) Trichloroethene	7.129	95	147882	16.296	ug/L	94
35) Methylcyclohexane	7.391	83	216999	16.944	ug/L	98
37) 1,2-Dichloropropane	7.434	63	110537	14.751	ug/L	100
38) Bromodichloromethane	7.824	83	195310	18.557	ug/L	98
39) cis-1,3-Dichloropropene	8.372	75	199747	18.464	ug/L	95
40) 4-Methyl-2-pentanone	8.580	43	516109	115.154	ug/L	99
42) Toluene	8.726	91	547914	17.434	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	185311	19.231	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.159	97	89066	18.582	ug/L	93
47) Tetrachloroethene	9.275	164	101584	16.864	ug/L	91
48) 2-Hexanone	9.433	43	373711	116.196	ug/L	98
49) Dibromochloromethane	9.525	129	123977	21.167	ug/L	95
50) 1,2-Dibromoethane	9.616	107	91979	19.829	ug/L	96
51) Chlorobenzene	10.086	112	345657	18.165	ug/L	96
52) Ethylbenzene	10.195	91	656032	19.686	ug/L	100
53) m,p-xylene	10.305	106	234975	19.343	ug/L	99
54) o-xylene	10.646	106	223719	20.218	ug/L	96
55) Styrene	10.659	104	385108	20.539	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	104806	19.365	ug/L	100
59) Bromoform	10.805	173	59041	19.892	ug/L	98
60) Isopropylbenzene	10.963	105	661253	20.927	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	81833	18.971	ug/L	95
62) 1,3,5-Trimethylbenzene	11.457	105	589059	21.503	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	598463	20.901	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	274311	18.328	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	272469	18.205	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	251542	18.497	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	22121	19.823	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.116	180	209890	18.527	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	179612	18.891	ug/L	95
71) Naphthalene	13.780	128	352581	24.910	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	156450	20.496	ug/L	99

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

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