

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072724\
 Data File : VX042583.D
 Acq On : 25 Jul 2024 21:37
 Operator : JC/MD
 Sample : P3334-22MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E20M6MS

Quant Time: Jul 26 01:49:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 00:18:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	149842	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	141171	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68788	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	31025	35.572	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.140%
7) Chloroethane-d5	1.648	69	23425	42.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.320%
11) 1,1-Dichloroethene-d2	2.294	65	15814	41.429	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.860%
21) 2-Butanone-d5	4.464	46	74051	117.817	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.820%
24) Chloroform-d	5.056	84	93373	53.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.500%
26) 1,2-Dichloroethane-d4	5.958	65	59546	57.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.060%
32) Benzene-d6	5.970	84	176307	48.317	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
36) 1,2-Dichloropropane-d6	7.312	67	56431	51.389	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.780%
41) Toluene-d8	8.647	98	161777	47.576	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.160%
43) trans-1,3-Dichloroprop...	8.951	79	24430	51.475	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.960%
47) 2-Hexanone-d5	9.384	63	55315	110.973	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.970%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	87309	53.780	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.560%
66) 1,2-Dichlorobenzene-d4	12.323	152	69354	51.908	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	37583	35.065	ug/L	99
3) Chloromethane	1.300	50	51124	47.201	ug/L	97
5) Vinyl chloride	1.374	62	42268	39.676	ug/L	99
6) Bromomethane	1.599	94	23669	40.774	ug/L	97
8) Chloroethane	1.666	64	24057	45.305	ug/L	98
9) Trichlorofluoromethane	1.873	101	48149	34.728	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	31207	32.660	ug/L	99
12) 1,1-Dichloroethene	2.312	96	38862	42.938	ug/L	85
13) Acetone	2.392	43	50175	117.021	ug/L	99
14) Carbon disulfide	2.507	76	96743	42.966	ug/L	99
15) Methyl Acetate	2.709	43	58343	53.554	ug/L	100
16) Methylene chloride	2.788	84	52507	47.022	ug/L	100
17) trans-1,2-Dichloroethene	3.087	96	44577	47.886	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	161902	53.186	ug/L	98
19) 1,1-Dichloroethane	3.605	63	84461	50.526	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	56302	51.482	ug/L	99
22) 2-Butanone	4.568	43	82199	114.528	ug/L	100
23) Bromochloromethane	4.903	128	29799	50.986	ug/L	98
25) Chloroform	5.092	83	93328	53.248	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	72137	55.537	ug/L	98
29) Cyclohexane	5.464	56	47793	31.326	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	71132	46.281	ug/L	99
31) Carbon tetrachloride	5.678	117	58517	43.587	ug/L	100
33) Benzene	6.037	78	191448	48.496	ug/L	100
34) Trichloroethene	7.123	95	47735	46.162	ug/L	97
35) Methylcyclohexane	7.379	83	46884	29.902	ug/L	98
37) 1,2-Dichloropropane	7.427	63	50220	49.580	ug/L	100
38) Bromodichloromethane	7.824	83	63404	51.116	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	71843	48.170	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	150667	104.285	ug/L	99
42) Toluene	8.720	91	201594	47.858	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	67083	50.166	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	54834	50.594	ug/L	95
46) Tetrachloroethene	9.275	164	40640	41.986	ug/L	97
48) 2-Hexanone	9.433	43	117586	103.639	ug/L	99
49) Dibromochloromethane	9.518	129	56791	51.451	ug/L	98
50) 1,2-Dibromoethane	9.610	107	59595	51.199	ug/L	99
51) Chlorobenzene	10.079	112	135081	46.716	ug/L	100
52) Ethylbenzene	10.195	91	207121	45.247	ug/L	98
53) m,p-Xylene	10.299	106	83743	45.451	ug/L	98
54) o-Xylene	10.640	106	86478	46.987	ug/L	98
55) Styrene	10.652	104	143678	46.851	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	88669	50.974	ug/L	98
59) Bromoform	10.799	173	47113	54.640	ug/L	98
60) Isopropylbenzene	10.963	105	204071	47.384	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	67916	55.602	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	170583	52.088	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	172692	49.204	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	102224	47.329	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	103539	47.390	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	110011	49.479	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	17355	55.504	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	69108	44.037	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	59694	41.821	ug/L	98
71) Naphthalene	13.774	128	219964	49.850	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	68619	45.494	ug/L	100

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

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