

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111124\
 Data File : VX043785.D
 Acq On : 11 Nov 2024 12:36
 Operator : JC/MD
 Sample : P4742-22MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E1H28MSD

Quant Time: Nov 12 00:53:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 12 00:51:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	268662	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	246437	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	122122	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	79041	55.225	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 110.440%	
7) Chloroethane-d5	1.642	69	42420	68.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 137.900%#	
11) 1,1-Dichloroethene-d2	2.294	65	35632	53.929	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.860%	
21) 2-Butanone-d5	4.464	46	109576	116.928	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	= 116.930%	
24) Chloroform-d	5.056	84	179363	58.132	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.260%	
26) 1,2-Dichloroethane-d4	5.952	65	108400	55.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.600%	
32) Benzene-d6	5.970	84	359638	56.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 112.900%	
36) 1,2-Dichloropropane-d6	7.305	67	106607	54.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 110.000%	
41) Toluene-d8	8.647	98	330231	57.056	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 114.120%	
43) trans-1,3-Dichloroprop...	8.951	79	50594	54.577	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 109.160%	
47) 2-Hexanone-d5	9.384	63	87464	114.014	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 114.010%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	158941	63.906	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 127.820%#	
66) 1,2-Dichlorobenzene-d4	12.317	152	132229	62.493	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 124.980%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	93853	49.601	ug/L	100
3) Chloromethane	1.294	50	89831	48.851	ug/L	100
5) Vinyl chloride	1.374	62	90699	50.353	ug/L	98
6) Bromomethane	1.593	94	43434	62.226	ug/L	96
8) Chloroethane	1.660	64	37577	59.294	ug/L	99
9) Trichlorofluoromethane	1.867	101	124507	54.469	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.312	101	87610	55.806	ug/L	97
12) 1,1-Dichloroethene	2.306	96	80670	56.289	ug/L	82
13) Acetone	2.392	43	72669	83.376	ug/L	95
14) Carbon disulfide	2.501	76	149596	47.219	ug/L	99
15) Methyl Acetate	2.709	43	83057	45.066	ug/L	91
16) Methylene chloride	2.782	84	91835	53.040	ug/L	90
17) trans-1,2-Dichloroethene	3.081	96	83497	54.155	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	297290	50.722	ug/L	98
19) 1,1-Dichloroethane	3.605	63	155095	51.084	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	103658	54.129	ug/L	94
22) 2-Butanone	4.562	43	113580	90.074	ug/L	95
23) Bromochloromethane	4.897	128	53554	55.633	ug/L	92
25) Chloroform	5.092	83	170811	52.428	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	126681	50.322	ug/L	99
29) Cyclohexane	5.464	56	130200	45.532	ug/L	93
30) 1,1,1-Trichloroethane	5.373	97	145237	48.650	ug/L	99
31) Carbon tetrachloride	5.672	117	121110	49.450	ug/L	99
33) Benzene	6.031	78	355233	50.572	ug/L	100
34) Trichloroethene	7.123	95	138838	73.520	ug/L	94
35) Methylcyclohexane	7.372	83	139627	49.488	ug/L	96
37) 1,2-Dichloropropane	7.427	63	91458	48.879	ug/L	99
38) Bromodichloromethane	7.818	83	116002	48.743	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	151181	49.492	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	243741	95.707	ug/L	95
42) Toluene	8.714	91	385058	52.118	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	137006	49.187	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	103164	53.767	ug/L	98
46) Tetrachloroethene	9.268	164	77370	56.919	ug/L	95
48) 2-Hexanone	9.433	43	184761	97.054	ug/L	96
49) Dibromochloromethane	9.518	129	97565	54.555	ug/L	100
50) 1,2-Dibromoethane	9.610	107	106877	53.948	ug/L #	98
51) Chlorobenzene	10.079	112	263802	54.634	ug/L	97
52) Ethylbenzene	10.189	91	421609	52.499	ug/L	98
53) m,p-Xylene	10.299	106	170770	55.086	ug/L	99
54) o-Xylene	10.640	106	170684	55.226	ug/L	96
55) Styrene	10.652	104	287227	55.868	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	157227	54.713	ug/L	99
59) Bromoform	10.799	173	66524	52.079	ug/L	96
60) Isopropylbenzene	10.963	105	436723	51.575	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	117361	49.510	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	364608	51.227	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	366469	51.712	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	203293	54.580	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	203616	54.275	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	210595	55.328	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	28412	47.866	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.109	180	132221	53.224	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	122943	53.974	ug/L	98
71) Naphthalene	13.774	128	461763	54.590	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	131750	55.966	ug/L	97

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

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