

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040663.D
 Acq On : 15 Mar 2024 18:41
 Operator : JC/MD
 Sample : P1753-21MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCL37MSD

Quant Time: Mar 16 02:55:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 01:57:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	147547	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	125415	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	73308	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	51157	39.553	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.100%
7) Chloroethane-d5	1.666	69	45181	43.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.520%
11) 1,1-Dichloroethene-d2	2.306	65	23870	40.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.180%
21) 2-Butanone-d5	4.452	46	97489	98.226	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.230%
24) Chloroform-d	5.056	84	116969	48.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.958	65	84549	47.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.300%
32) Benzene-d6	5.970	84	196793	51.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.300%
36) 1,2-Dichloropropane-d6	7.306	67	62650	52.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.080%
41) Toluene-d8	8.647	98	178361	48.101	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.945	79	32589	51.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.700%
47) 2-Hexanone-d5	9.384	63	73115	111.119	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.120%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	99917	55.962	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.920%
66) 1,2-Dichlorobenzene-d4	12.317	152	72944	47.508	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.020%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	67669	51.384	ug/L	99
3) Chloromethane	1.294	50	58432	51.040	ug/L	97
5) Vinyl chloride	1.374	62	66021	53.306	ug/L	95
6) Bromomethane	1.605	94	41349	62.885	ug/L	100
8) Chloroethane	1.685	64	40186	56.587	ug/L	94
9) Trichlorofluoromethane	1.886	101	88862	51.563	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	51328	50.213	ug/L	100
12) 1,1-Dichloroethene	2.319	96	46591	51.804	ug/L	95
13) Acetone	2.373	43	85340	120.409	ug/L	98
14) Carbon disulfide	2.514	76	131252	50.435	ug/L	99
15) Methyl Acetate	2.703	43	52126	43.565	ug/L	100
16) Methylene chloride	2.788	84	50142	50.626	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	47279	51.206	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	171950	53.850	ug/L	99
19) 1,1-Dichloroethane	3.611	63	95937	53.477	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	53505	51.680	ug/L	96
22) 2-Butanone	4.556	43	87210	92.925	ug/L	96
23) Bromochloromethane	4.897	128	26703	50.570	ug/L	94
25) Chloroform	5.093	83	105638	52.181	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	97416	54.756	ug/L	99
29) Cyclohexane	5.471	56	81002	58.778	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	93540	59.884	ug/L	99
31) Carbon tetrachloride	5.678	117	78786	60.099	ug/L	99
33) Benzene	6.037	78	198874	59.030	ug/L	100
34) Trichloroethene	7.129	95	57105	57.416	ug/L	94
35) Methylcyclohexane	7.379	83	82436	56.717	ug/L	99
37) 1,2-Dichloropropane	7.427	63	52804	59.201	ug/L	100
38) Bromodichloromethane	7.824	83	78685	59.646	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	85815	57.147	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	177592	116.144	ug/L	100
42) Toluene	8.720	91	220917	59.771	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	84591	57.834	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	53449	58.051	ug/L	98
46) Tetrachloroethene	9.275	164	40536	56.765	ug/L	98
48) 2-Hexanone	9.427	43	136884	108.035	ug/L	100
49) Dibromochloromethane	9.519	129	54214	56.353	ug/L	98
50) 1,2-Dibromoethane	9.610	107	54813	55.358	ug/L	99
51) Chlorobenzene	10.079	112	125271	52.314	ug/L	99
52) Ethylbenzene	10.195	91	233811	53.831	ug/L	99
53) m,p-Xylene	10.299	106	81770	51.786	ug/L	99
54) o-Xylene	10.640	106	91578	60.419	ug/L	96
55) Styrene	10.653	104	161632	61.196	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	89425	58.926	ug/L	99
59) Bromoform	10.799	173	43480	51.137	ug/L	100
60) Isopropylbenzene	10.963	105	254741	51.759	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	73598	50.381	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	214290	52.515	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	214250	52.507	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	111414	51.707	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	112678	51.422	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	108302	52.858	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	22918	53.591	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	75507	52.204	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	70739	52.739	ug/L	99
71) Naphthalene	13.774	128	231755	54.360	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	70620	53.448	ug/L	99

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

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